magicolor 3730DN Reference Guide

A0VD-9572-01A

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1 Operation on Mac OS X

System Requirements for the Printer Driver

Before installing the printer driver, make sure that your system meets the following system requirements.

Computer	Apple Macintosh computer installed with the following processor: - PowerPC G3 or later processor (PowerPC G4 or later is recommended) - Intel processor
Connecting the computer and printer	USB connection, Network connection (10Base-T/100Base-TX)
Operating system	Mac OS X (10.2.8/10.3/10.4/10.5/10.6)
RAM	128 MB or more
Available disk space	256 MB or more (for storing images)
Supported languages	English, French, German, Italian, Spanish, Portuguese, Czech, Korean, Simplified Chinese, Traditional Chinese, Japanese, Hungarian, Slovak, Russian, Polish

Installing the Printer Driver

You must have administrator privileges in order to install the printer driver.

Before proceeding with the installation, be sure to exit all running applications.

Installing Ghostscript

If you are using Mac OS 10.3 or later, skip to “Installing the Printer Driver” on page 1-7. If you are using Mac OS 10.2, you must first use the following procedure to download and install Ghostscript before you install the printer driver.

1 The latest version of Ghostscript can be downloaded from <http://sourceforge.net/projects/espgs/files/>.

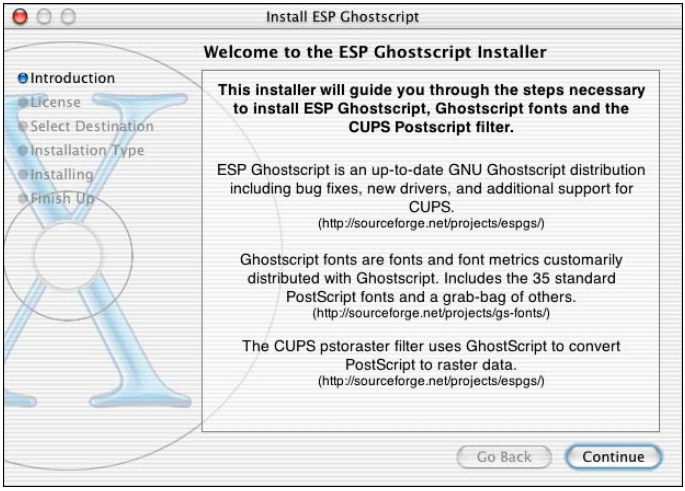
*Here we explain how to install the software from the **espgs-7.05.5-0.ppc.dmg** disk image file.*

2 Double click the **espgs-7.05.5-0.ppc.dmg** file.
The disk image **Install ESP Ghostscript 7.05.5** appears on the desktop.

3 Double click the **ESP Ghostscript.mpkg** package file in the disk image.

4 Enter the administrator user name and password in the **Authenticate** dialog box, and then click **OK**.

5 Click **Continue**.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Introduction
License
Select Destination
Installation Type
Installing
Finish Up
This installer will guide you through the steps necessary to install ESP Ghostscript, Ghostscript fonts and the CUPS Postscript filter.
ESP Ghostscript is an up-to-date GNU Ghostscript distribution including bug fixes, new drivers, and additional support for CUPS.
(http://sourceforge.net/projects/espgs/)
Ghostscript fonts are fonts and font metrics customarily distributed with Ghostscript. Includes the 35 standard PostScript fonts and a grab-bag of others.
(http://sourceforge.net/projects/gs-fonts/)
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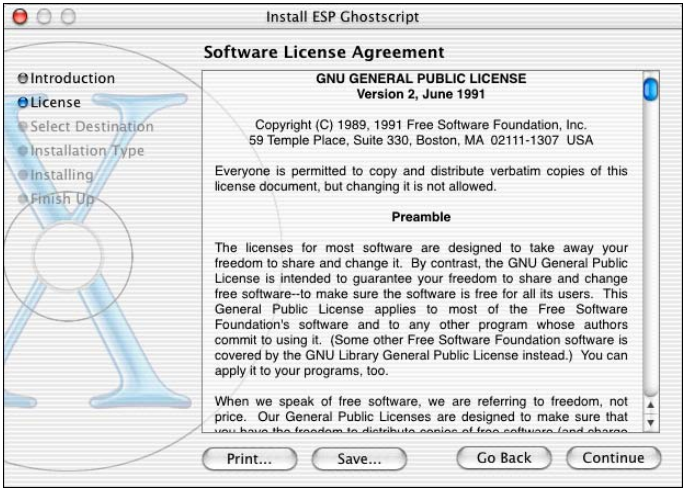
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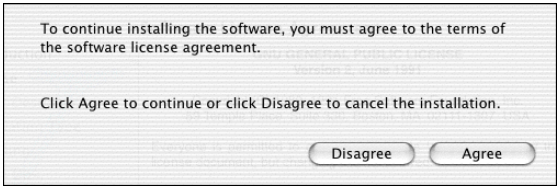
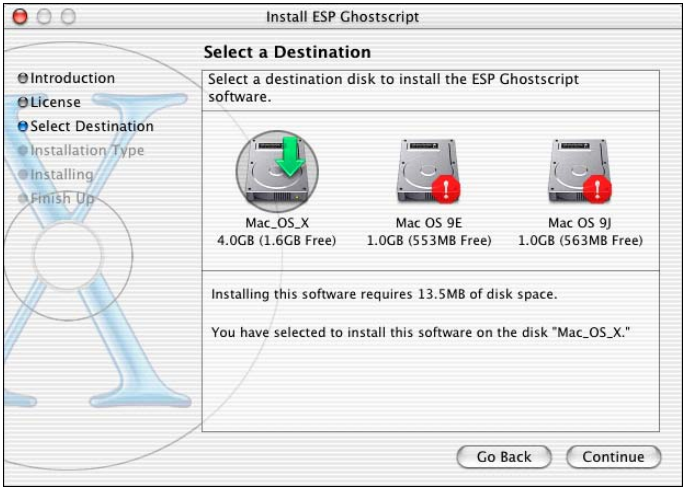
Go Back
Continue

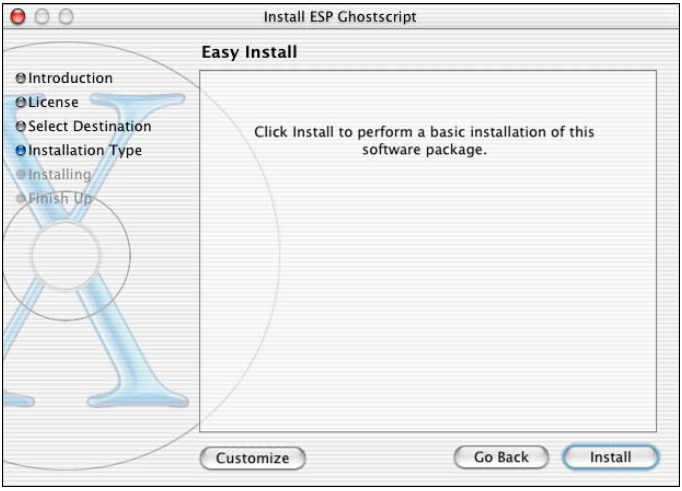
7 Click **Agree** in the confirmation dialog box, if you agree to the terms of the license.


To continue installing the software, you must agree to the terms of the software license agreement.
Click Agree to continue or click Disagree to cancel the installation.
Disagree
Agree

8 In the **Select a Destination** page, select the disk in which you wish to install the software, and then click **Continue**.

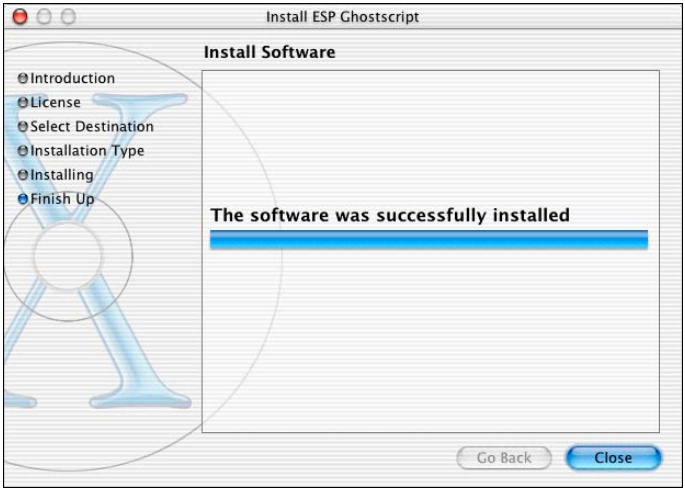


9 Click **Install** in the **Easy Install** page.



Installation starts.

10 After the installation has been completed, click **Close**.



This completes the installation of Ghostscript.

Installing the Printer Driver

The procedure for installing the printer driver on Mac OS X 10.5 is described below. The following procedure or some steps may be different depending on the version of the operating system being used. Complete the installation according to the instructions in the dialog boxes that appear.

1 Insert the Printer Driver and Utility CD/DVD in the CD/DVD drive of your Macintosh.

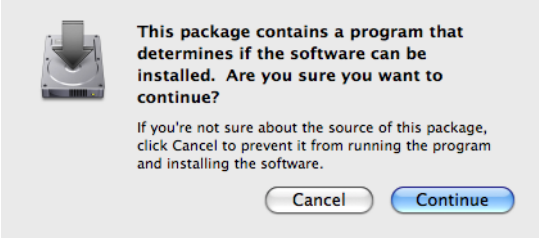
2 Double-click the CD icon on the desk top, **Driver** folder, **Mac** folder, and then double-click the **magicolor3730-x.x.x-ppc-i386.dmg** disk image file.
The disk image appears on the desktop.

*When using Mac OS X 10.6, double-click the **magicolor3730_106.dmg** disk image file.*

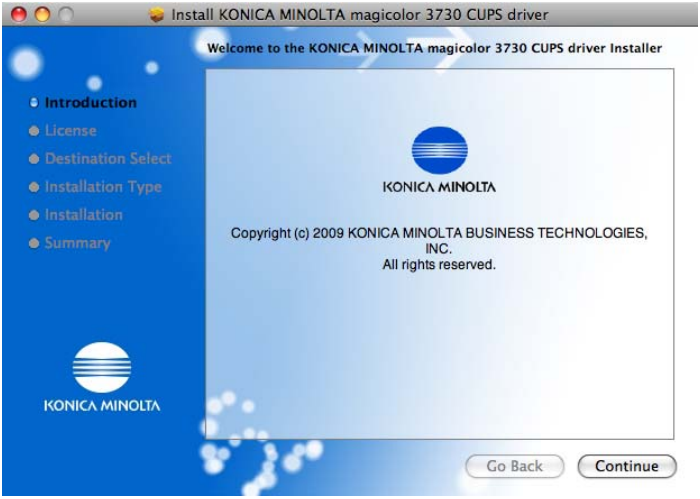
3 Double-click the **magicolor3730.pkg** file in the disk image.
The installer for the printer driver starts up.

*When using Mac OS X 10.6, double-click the **mc3730_106.pkg** file in the disk image.*

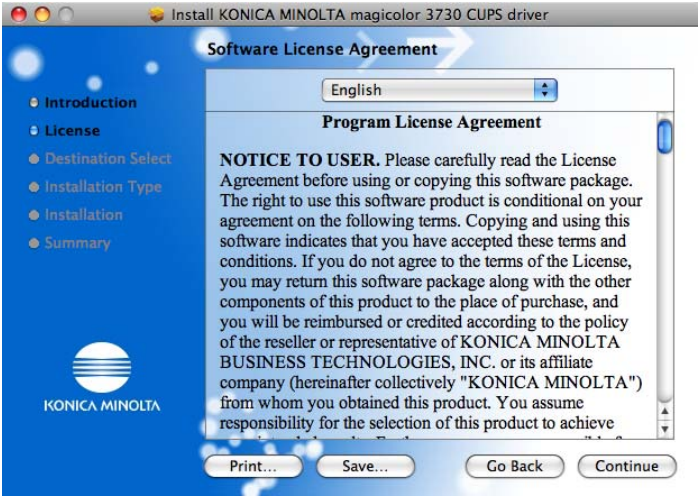
4 Click **Continue**.


This package contains a program that determines if the software can be installed. Are you sure you want to continue?
If you're not sure about the source of this package, click Cancel to prevent it from running the program and installing the software.
Cancel
Continue

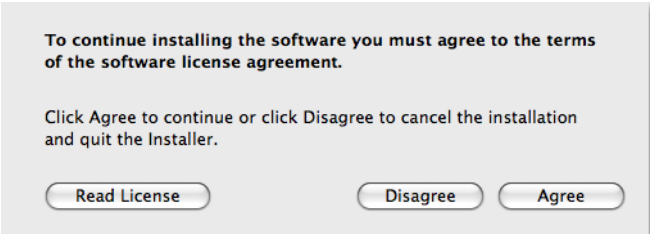
5 Click **Continue**.



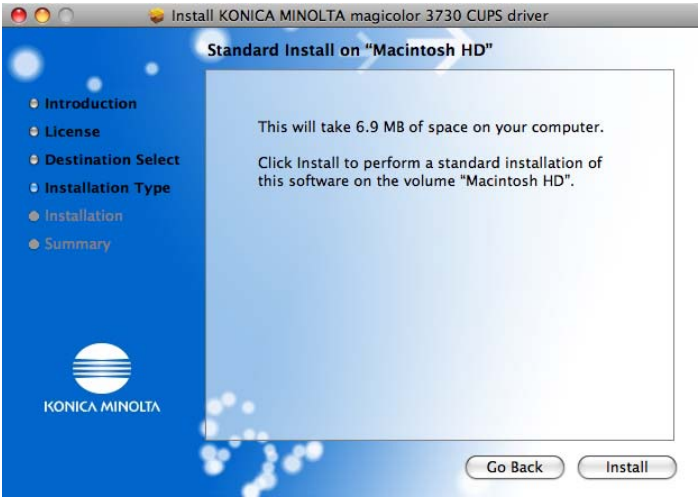
6 Click **Continue**.


Install KONICA MINOLTA magicolor 3730 CUPS driver
Software License Agreement
Introduction
License
Destination Select
Installation Type
Installation
Summary
English
Program License Agreement
NOTICE TO USER. Please carefully read the License Agreement before using or copying this software package. The right to use this software product is conditional on your agreement on the following terms. Copying and using this software indicates that you have accepted these terms and conditions. If you do not agree to the terms of the License, you may return this software package along with the other components of this product to the place of purchase, and you will be reimbursed or credited according to the policy of the reseller or representative of KONICA MINOLTA BUSINESS TECHNOLOGIES, INC. or its affiliate company (hereinafter collectively "KONICA MINOLTA") from whom you obtained this product. You assume responsibility for the selection of this product to achieve
KONICA MINOLTA
Print...
Save...
Go Back
Continue

7 Click **Agree** in the confirmation dialog box if you agree to the terms of the license.


To continue installing the software you must agree to the terms of the software license agreement.
Click Agree to continue or click Disagree to cancel the installation and quit the Installer.
Read License
Disagree
Agree

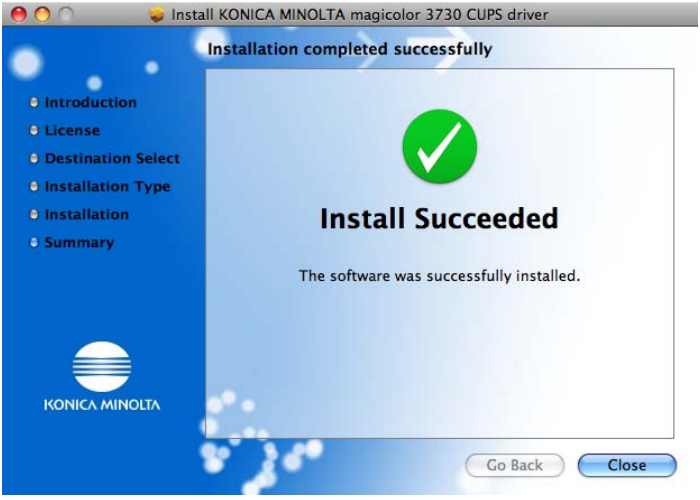
8 Click **Install** in the **Standard Install** page.



9 Enter the administrator user name and password in the Authenticate dialog box, and then click **OK**.

Installation starts.

10 After the installation has been completed, click **Close**.



This completes the installation of the printer driver.

Uninstalling the Printer Driver

1 Insert the Printer Driver and Utility CD/DVD in the CD/DVD-ROM drive of your Macintosh.

2 Double-click the CD icon on the desk top, **Driver** folder, **Mac** folder, and then double-click the **magicolor3730-x.x.x-ppc-i386.dmg** disk image file.
The disk image appears on the desktop.

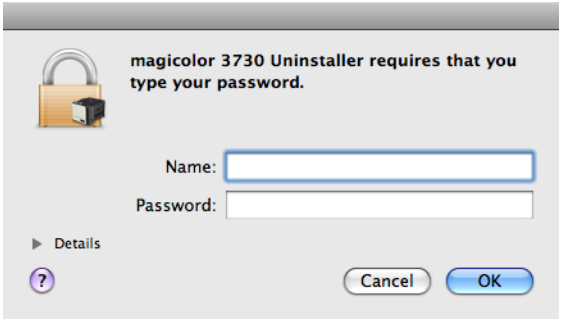
*When using Mac OS X 10.6, double-click the **magicolor3730_106.dmg** disk image file.*

3 Double-click the **magicolor 3730 Uninstaller** file in the disk image.
The uninstaller for the printer driver starts up and the following massage appears.

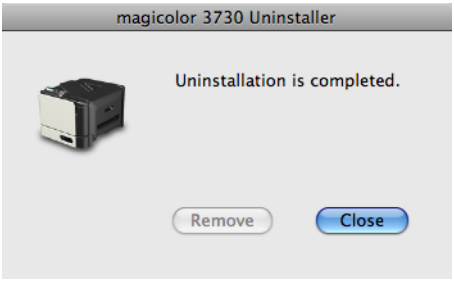
*When using Mac OS X 10.6, double-click the **mc3730 Uninstaller**.*

4 Click **Remove**.

5 Enter the administrator user name and password in the Authenticate dialog box, and then click **OK**.



6 After the uninstallation has been completed, click **Close**.

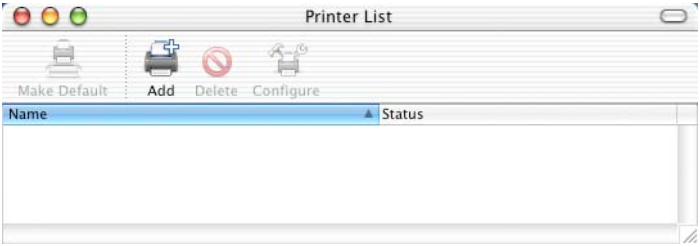


This completes the uninstallation of the printer driver.

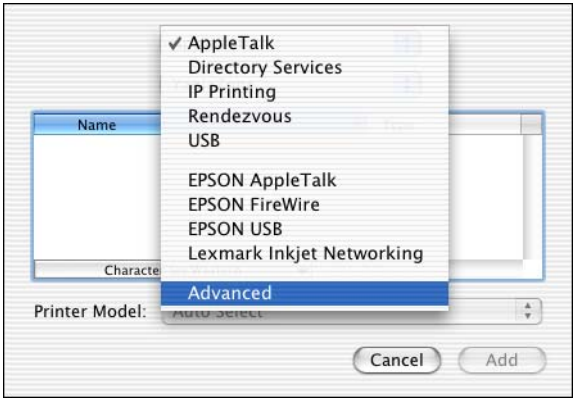
Print Center Settings (Mac OS X 10.2.8)

When Using a USB Connection

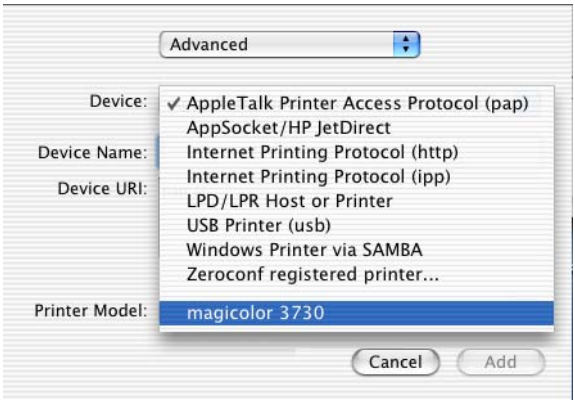
1. Use a USB cable to connect the printer to your computer.
2. Check that the printer is turned on, and then restart the computer.
3. Open **Print Center**, which can be accessed by clicking Startup Disk, then **Applications**, then **Utilities**.
4. In the **Printer List**, click **Add** while pressing the Option key in the keyboard.



5. Select **Advanced** from the pop-up menu.



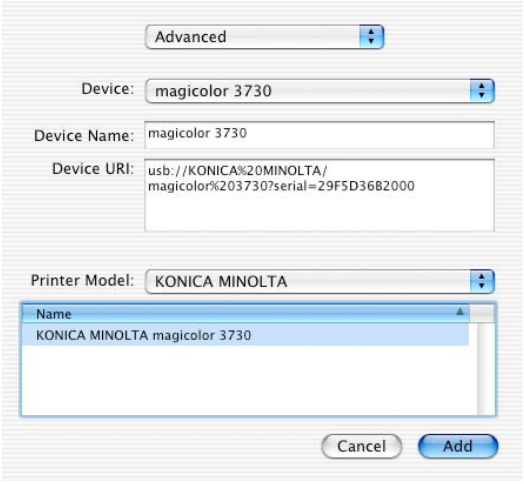
6 Select **magicolor 3730** from the **Device** pop-up menu.



*If **magicolor 3730** does not appear, check that the printer is turned on and the USB cable is connected, and then restart the computer.*

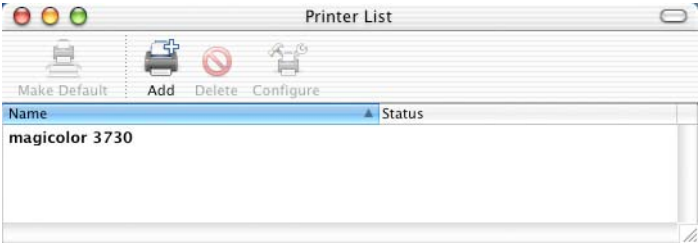
7 Select **KONICA MINOLTA** from the **Printer Model** pop-up menu.

8 Select **KONICA MINOLTA magicolor 3730** in the **Name** list.



9 Click **Add**.

The new printer appears in the Printer List screen.



When Using a Network Connection

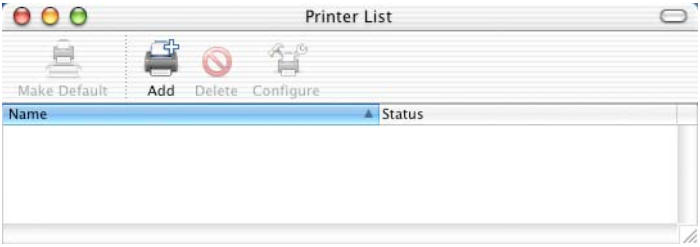
The network connection settings can be specified in one of four ways: Rendezvous setting, IP printing setting, IPP setting and Specifying Port 9100.

Rendezvous Setting

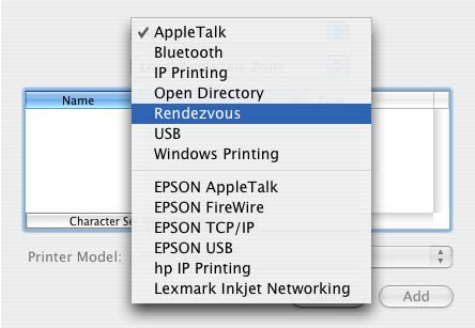
1 Connect the printer to an Ethernet network.

2 Open **Print Center**, which can be accessed by clicking Startup Disk, then **Applications**, then **Utilities**.

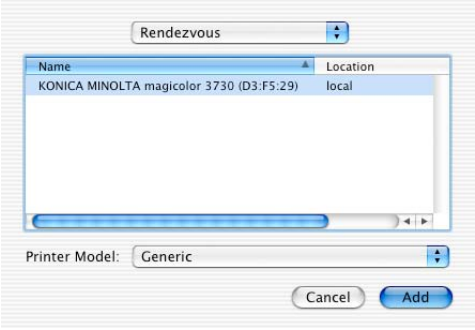
3 Click **Add** in the **Printer List**.



4 Select **Rendezvous** from the pop-up menu.



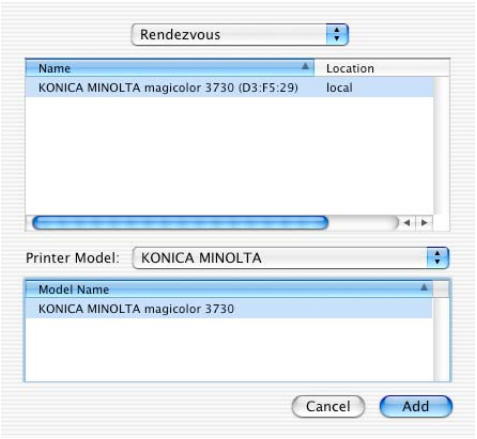
5 Select **KONICA MINOLTA magicolor 3730 (xx:xx:xx)**.



"xx:xx:xx" refers to the last six digits of the MAC address (in hexadecimal).

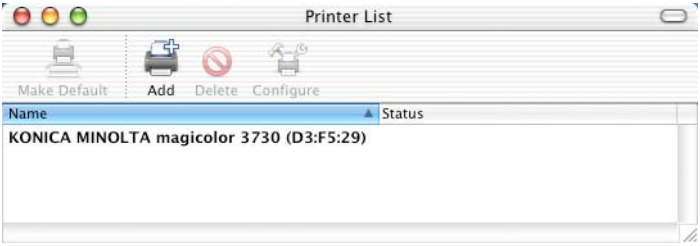
6 Select **KONICA MINOLTA** from the **Printer Model** pop-up menu.

7 Select **KONICA MINOLTA magicolor 3730** in the **Model Name** list.



8 Click **Add**.

The new printer appears in the Printer List screen.

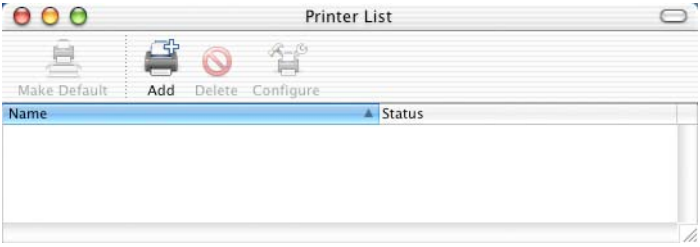


IP Printing Setting

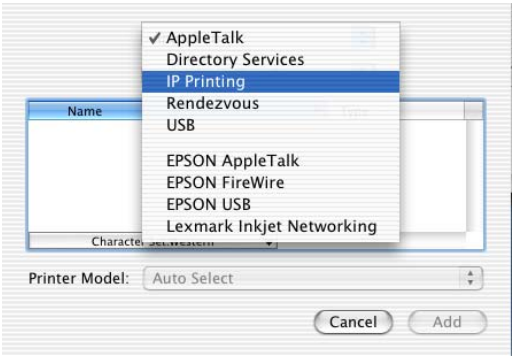
1 Connect the printer to an Ethernet network.

2 Open **Print Center**, which can be accessed by clicking Startup Disk, then **Applications**, then **Utilities**.

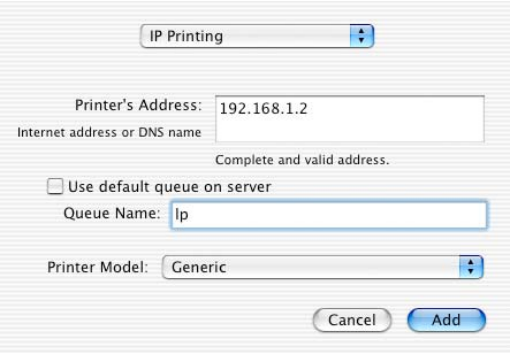
3 Click **Add** in the **Printer List**.



4 Select **IP Printing** from the pop-up menu.

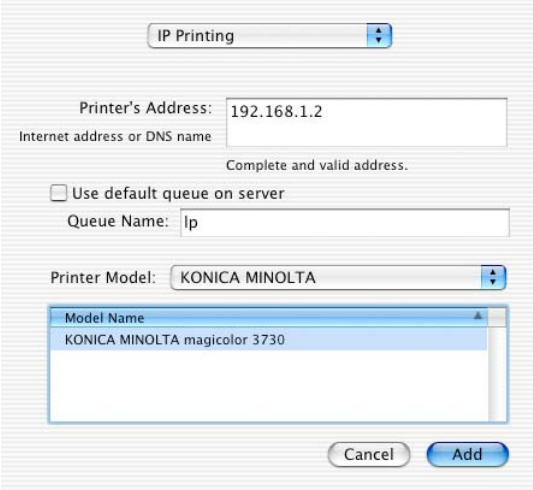


5 Enter the IP address for the printer in the **Printer's Address** text box.
Clear the **Use default queue on server** check box.
Enter "lp" in the **Queue Name** text box.



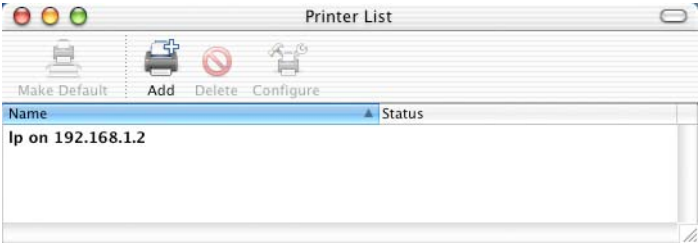
6 Select **KONICA MINOLTA** from the **Printer Model** pop-up menu.

7 Select **KONICA MINOLTA magicolor 3730** in the **Model Name** list.



8 Click **Add**.

The new printer appears in the Printer List screen.

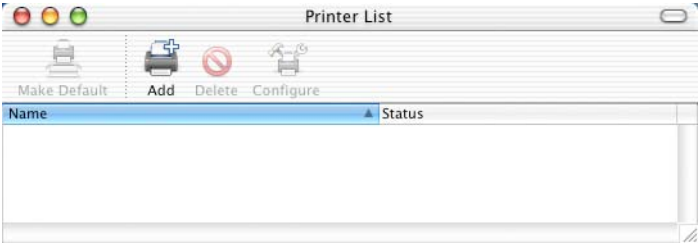


IPP Setting

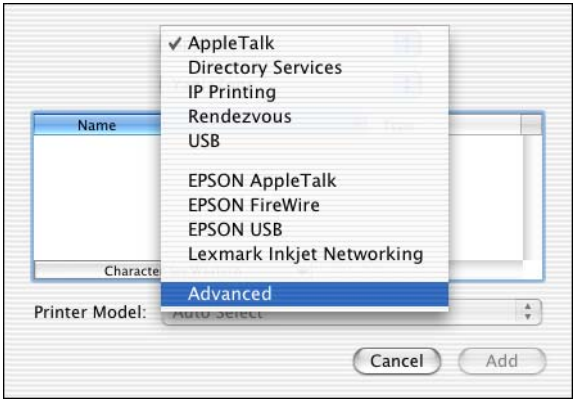
1 Connect the printer to an Ethernet network.

2 Open **Print Center**, which can be accessed by clicking Startup Disk, then **Applications**, then **Utilities**.

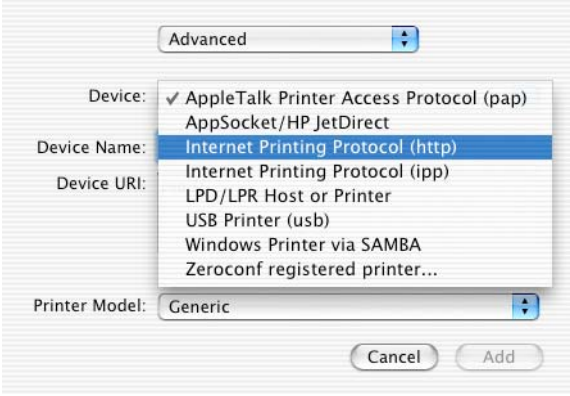
3 In the **Printer List**, click **Add** while pressing the Option key in the keyboard.



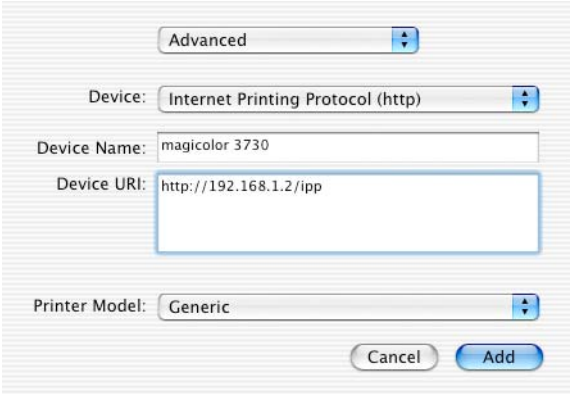
4 Select **Advanced** from the pop-up menu.



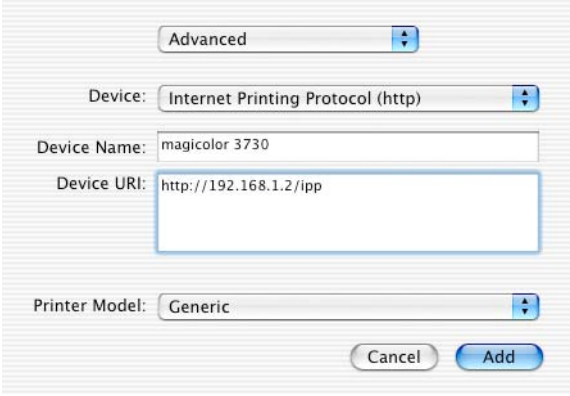
5 Select **Internet Printing Protocol (http)** from the **Device** pop-up menu.



6 Enter the name for the printer in the **Device Name** text box.

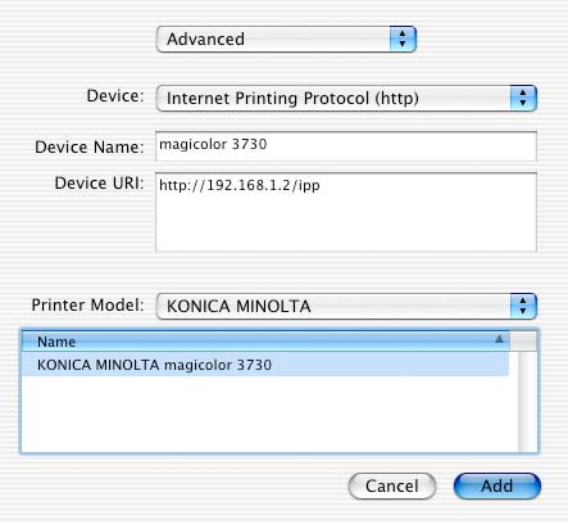


7 In the **Device URI** text box, enter "http://<IP address>/ipp".



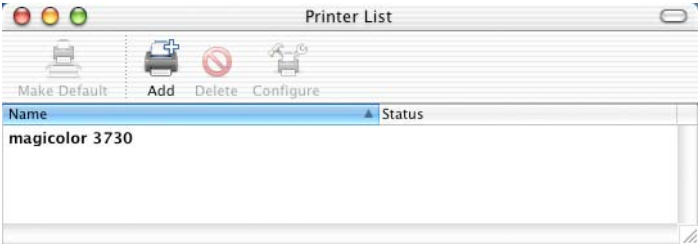
8 Select **KONICA MINOLTA** from the **Printer Model** pop-up menu.

9 Select **KONICA MINOLTA magicolor 3730** in the **Name** list.



10 Click **Add**.

The new printer appears in the Printer List screen.

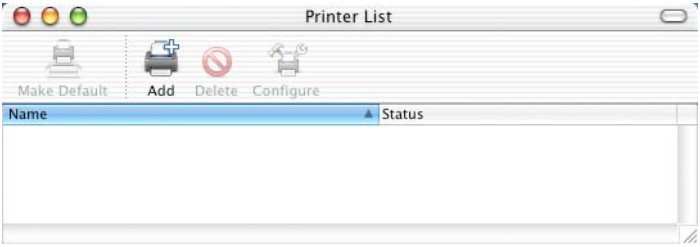


Specifying Port 9100

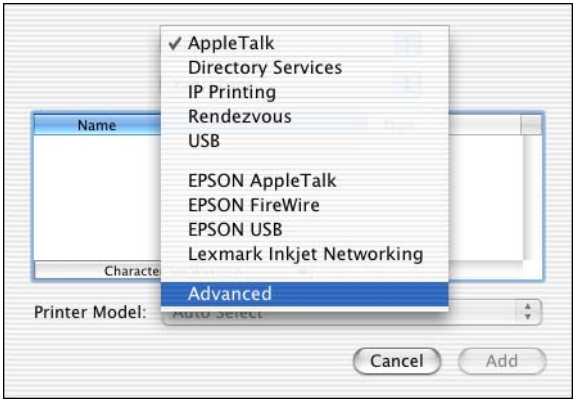
1 Connect the printer to an Ethernet network.

2 Open **Print Center**, which can be accessed by clicking Startup Disk, then **Applications**, then **Utilities**.

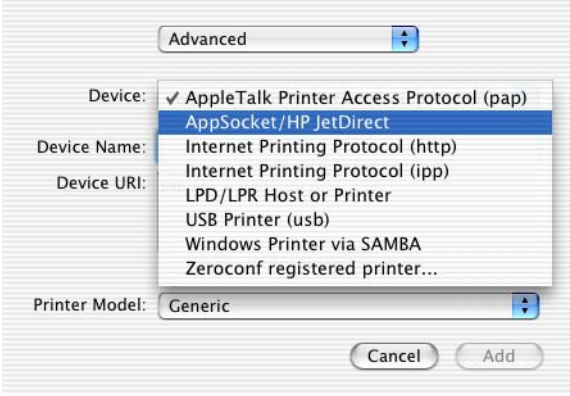
3 In the **Printer List**, click **Add** while pressing the Option key in the keyboard.



4 Select **Advanced** from the pop-up menu.

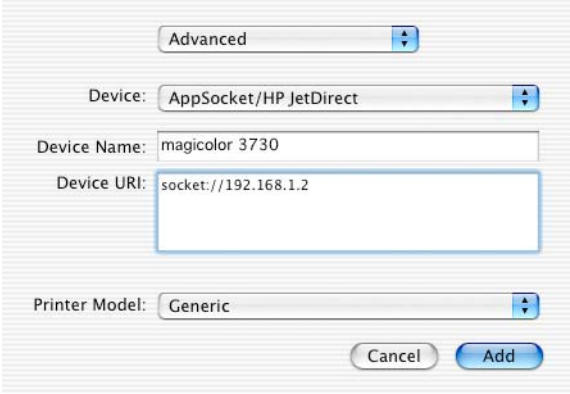


5 Select **AppSocket/HP JetDirect** from the **Device** pop-up menu.



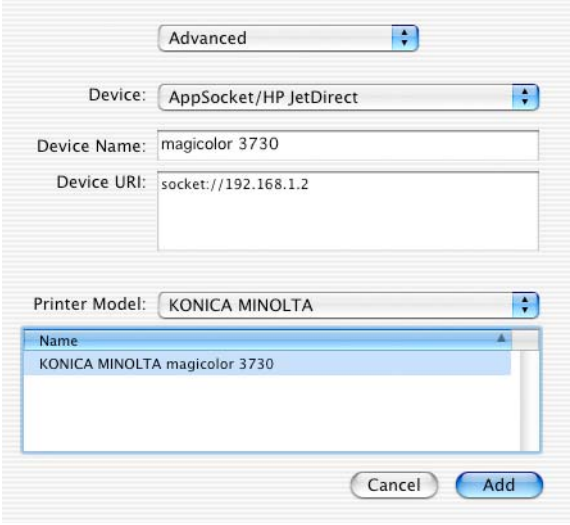
6 Enter the name for the printer in the **Device Name** text box.

7 In the **Device URI** text box, enter "socket://<IP address>".



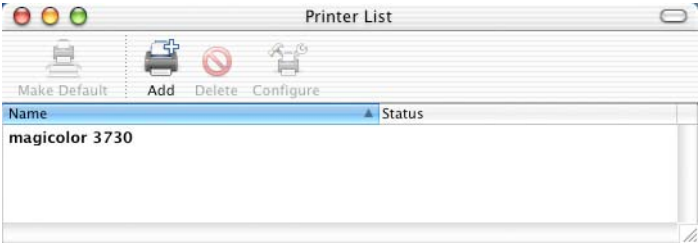
8 Select **KONICA MINOLTA** from the **Printer Model** pop-up menu.

9 Select **KONICA MINOLTA magicolor 3730** in the **Name** list.



10 Click **Add**.

The new printer appears in the Printer List screen.



Printer Setup Utility Settings (Mac OS X 10.3)

When Using a USB Connection

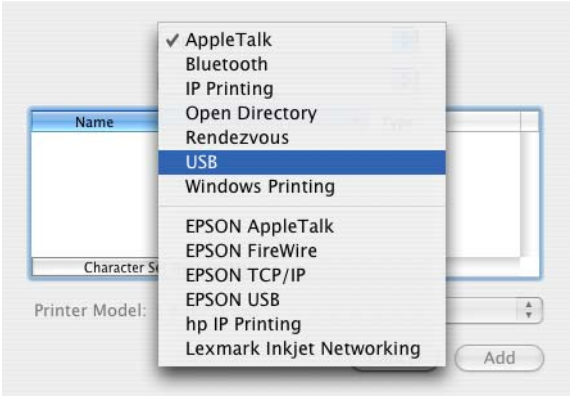
1 Use a USB cable to connect the printer to your computer.

2 Check that the printer is turned on, and then restart the computer.

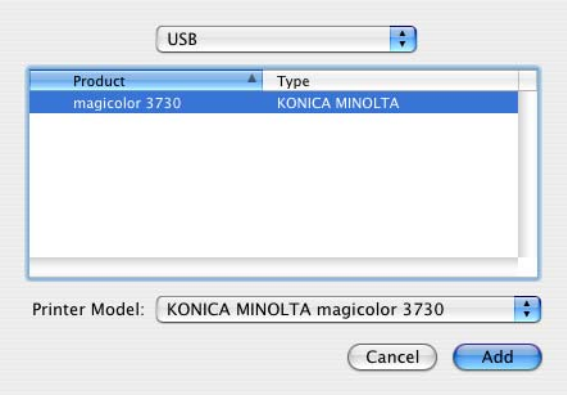
3 Open **Printer Setup Utility**, which can be accessed by clicking Startup Disk, then **Applications**, then **Utilities**.

4 In the **Printer List**, click **Add**.

5 Select **USB** from the pop-up menu.



6 Select **magicolor 3730** in the **Product** list.



*If **magicolor 3730** does not appear, check that the printer is turned on and the USB cable is connected, and then restart the computer.*

7 Check that **KONICA MINOLTA magicolor 3730** is selected in the **Printer Model** list.

8 Click **Add**.

The new printer appears in the Printer List screen.

When Using a Network Connection

The network connection settings can be specified IP printing Setting (IPP, LPD or Socket).

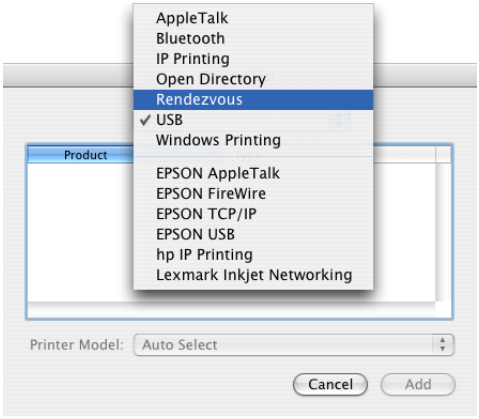
Rendezvous Setting

1 Connect the printer to an Ethernet network.

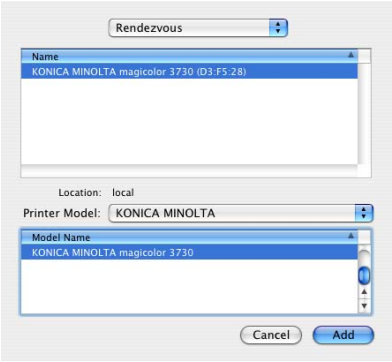
2 Open **Printer Setup Utility**, which can be accessed by clicking Startup Disk, then **Applications**, then **Utilities**.

3 Click **Add** in the **Printer List**.

4 Select **Rendezvous** from the pop-up menu.



5 Select **KONICA MINOLTA magicolor 3730 (xx:xx:xx)** in the **Name** list.



"xx:xx:xx" refers to the last six digits of the MAC address (in hexadecimal).

6 Check that **KONICA MINOLTA magicolor 3730** is selected in the **Model Name** list.

7 Click **Add**.

The new printer appears in the Printer List screen.

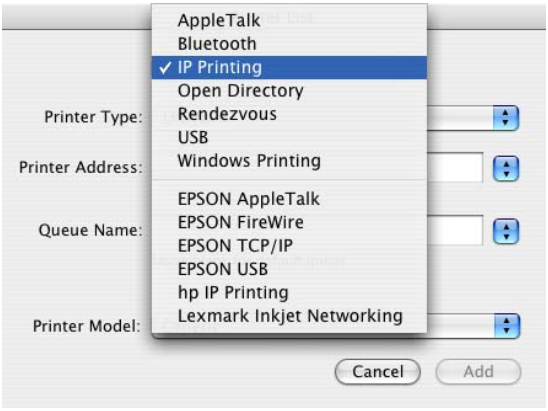
IP Printing Setting

1 Connect the machine to an Ethernet network.

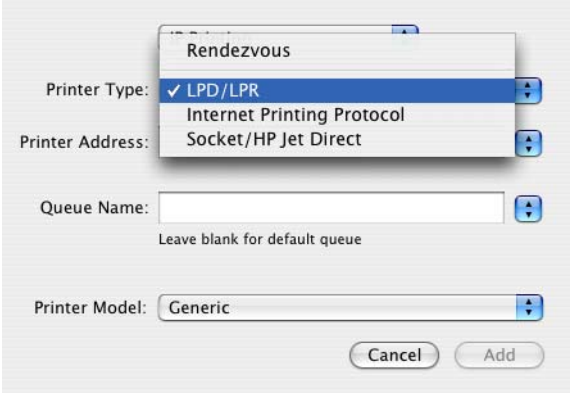
2 Open **Printer Setup Utility**, which can be accessed by clicking Startup Disk, then **Applications**, then **Utilities**.

3 Click **Add** in the **Printer List**.

4 Select **IP Printing** from the pop-up menu.

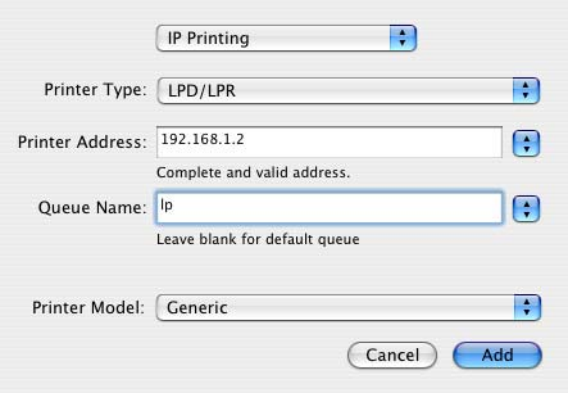


5 Select desired print protocol from the **Printer Type** pop-up menu.



- *For an LPD setup, select **LPD/LPR**.*
- *For an IPP setup, select **Internet Printing Protocol**.*
- *For a port 9100 setup, select **Socket/HP Jet Direct**.*

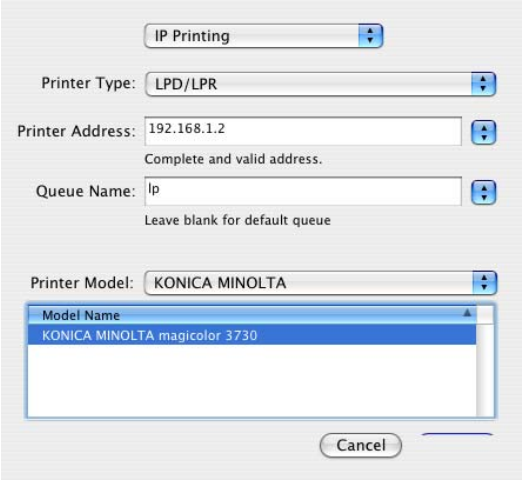
6 Enter the IP address for the machine in the **Printer Address** text box.



*For an LPD setup, "lp" in the **Queue Name** text box.*

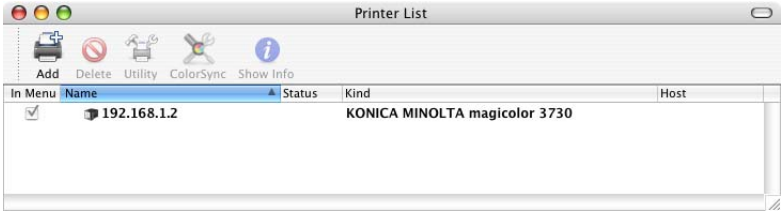
7 Select **KONICA MINOLTA** from the **Printer Model** pop-up menu.

8 Select **KONICA MINOLTA magicolor 3730** in the **Model Name** list.



9 Click **Add**.

*The new printer appears in the **Printer List** screen.*



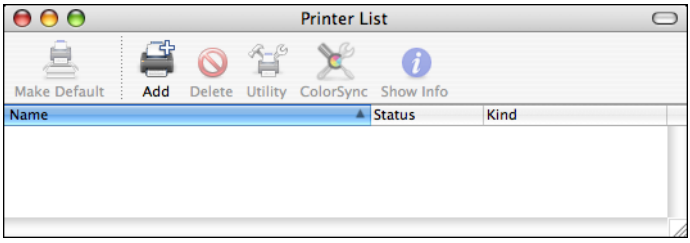
Printer Setup Utility Settings (Mac OS X 10.4)

When Using a USB Connection

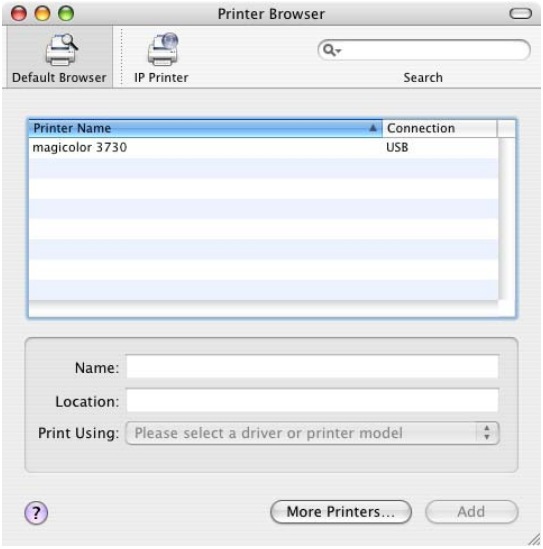
1 Use a USB cable to connect the machine to your computer.

2 Open **Printer Setup Utility**, which can be accessed by clicking Startup Disk, then **Applications**, then **Utilities**.

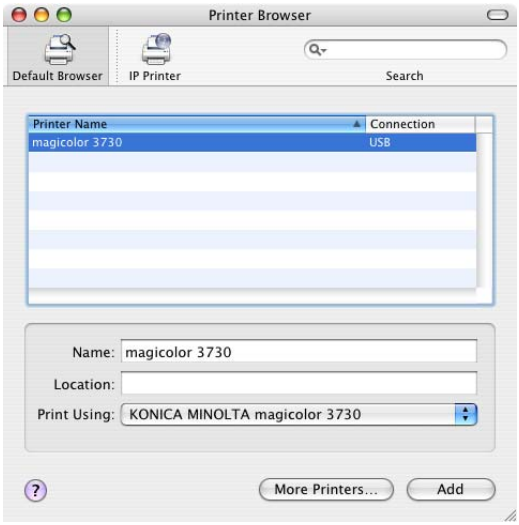
3 In the **Printer List**, click **Add**.



*The detected printer appears in the **Printer Browser**.*



4 Select **magicolor 3730** in the **Printer Name**.



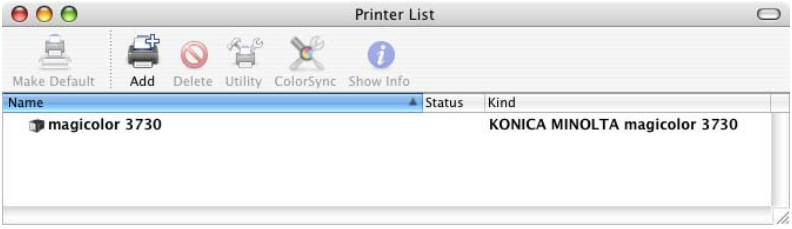
*- Specifies the printer's name in the **Name** text box.*
*- Specifies the printer's location in the **Location** text box.*

*If **magicolor 3730** does not appear, check that the machine is turned on and the USB cable is connected, and then restart the computer.*

5 Check that **KONICA MINOLTA magicolor 3730** is selected in the **Print Using** list.

6 Click **Add**.

*The new printer appears in the **Printer List** screen.*



When Using a Network Connection

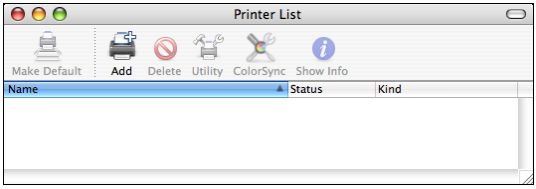
The network connection settings can be specified in one of two ways: Bonjour Setting and IP printing Setting (IPP, LPD or Socket).

Bonjour Setting

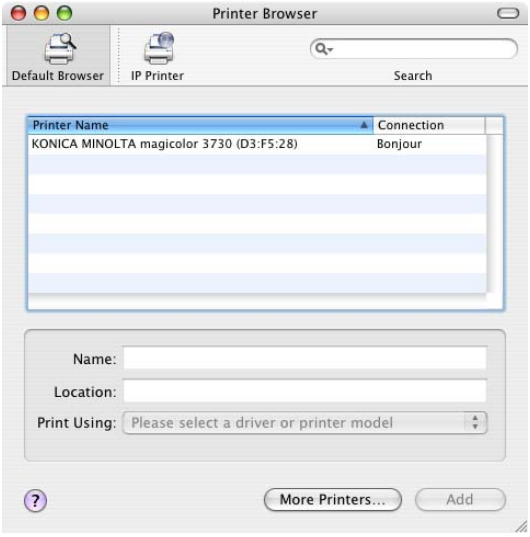
1 Connect the machine to an Ethernet network.

2 Open **Printer Setup Utility**, which can be accessed by clicking Startup Disk, then **Applications**, then **Utilities**.

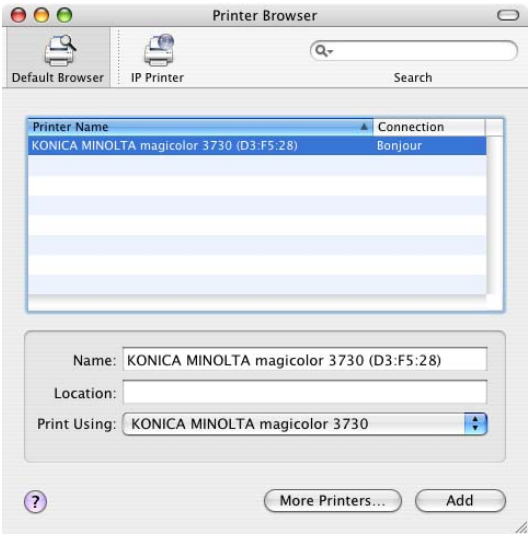
3 In the **Printer List**, click **Add**.



*The detected printer appears in the **Printer Browser**.*



4 Select **KONICA MINOLTA magicolor 3730 (xx:xx:xx)** in the **Printer Browser**.



*- Specifies the printer's name in the **Name** text box.*
*- Specifies the printer's location in the **Location** text box.*

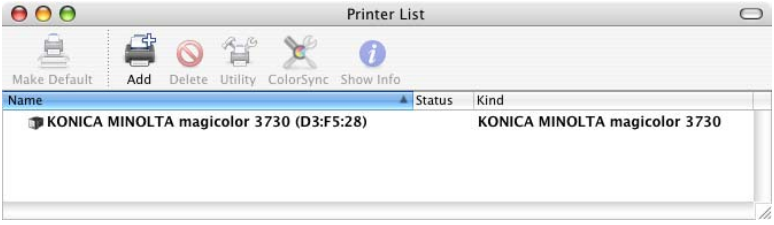
"xx:xx:xx" refers to the last six digits of the MAC address (in hexa-decimal).

5 Check that **KONICA MINOLTA magicolor 3730** is selected in the **Print Using** list.

6 Click **Add**.

7 Click **Continue**.

*The new printer appears in the **Printer List** screen.*

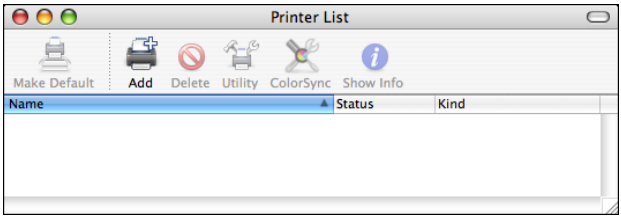


IP Printing Setting

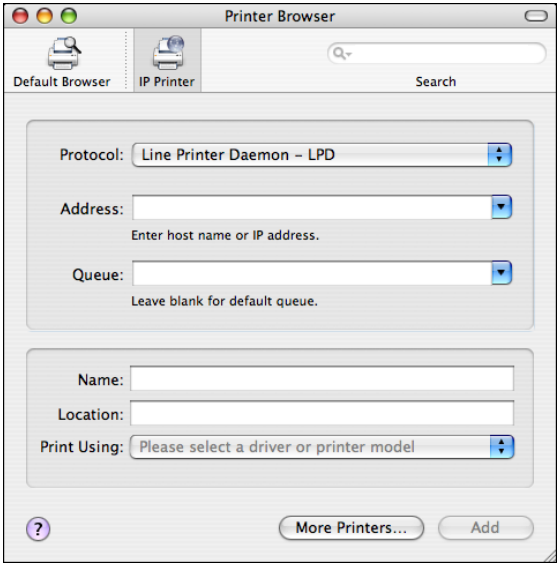
1 Connect the machine to an Ethernet network.

2 Open **Printer Setup Utility**, which can be accessed by clicking Startup Disk, then **Applications**, then **Utilities**.

3 Click **Add** in the **Printer List**.



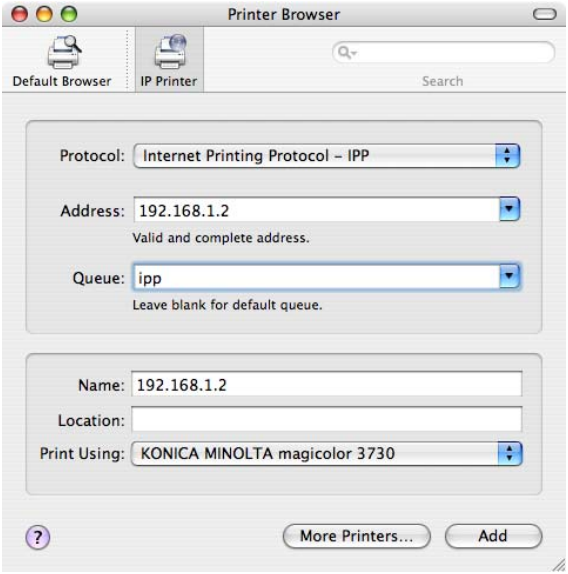
4 Click **IP Printer**.



5 Select desired print protocol from the **Protocol** pop-up menu.

*- For an IPP setup, select **Internet Printing Protocol - IPP**.*
*- For an LPD setup, select **Line Printer Daemon - LPD**.*
*- For a port 9100 setup, select **HP Jet Direct - Socket**.*

6 Enter the IP address for the machine in the **Address** text box.



*- For an LPD setup, "lp" in the **Queue Name** text box.*
*- For an IPP setup, "ipp" in the **Queue Name** text box.*

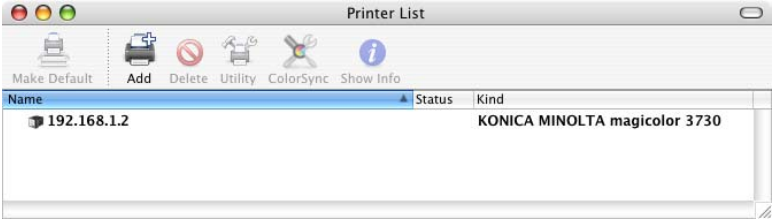
*- Specifies the printer's name in the **Name** text box.*
*- Specifies the printer's location in the **Location** text box.*

7 Check that **KONICA MINOLTA magicolor 3730** is selected in the **Print Using** list.

8 Click **Add**.

9 Click **Continue**.

*The new printer appears in the **Printer List** screen.*

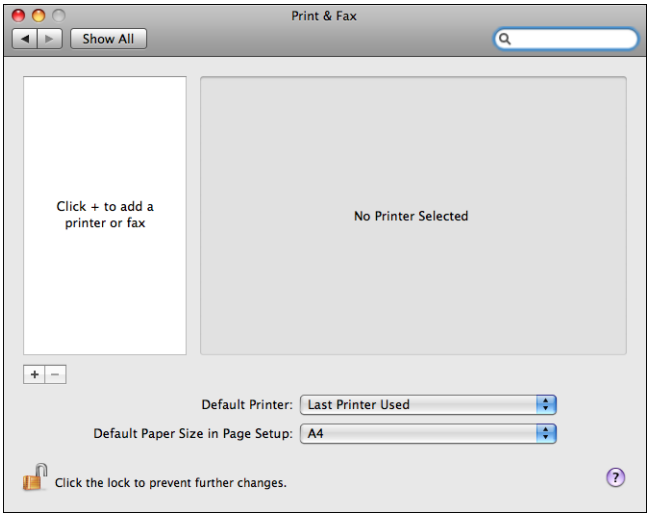


Printer Settings (Mac OS X 10.5/10.6)

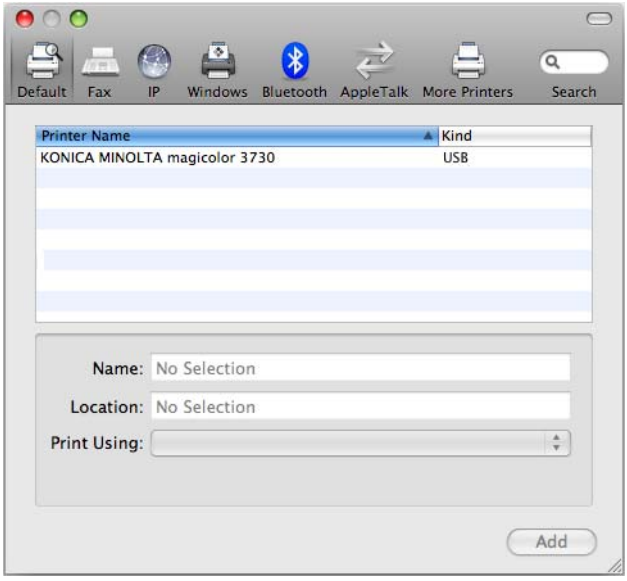
The procedure for Printer Settings on Mac OS X 10.5 is described below. The following procedure or some steps may be different depending on the version of the operating system being used.

When Using a USB Connection

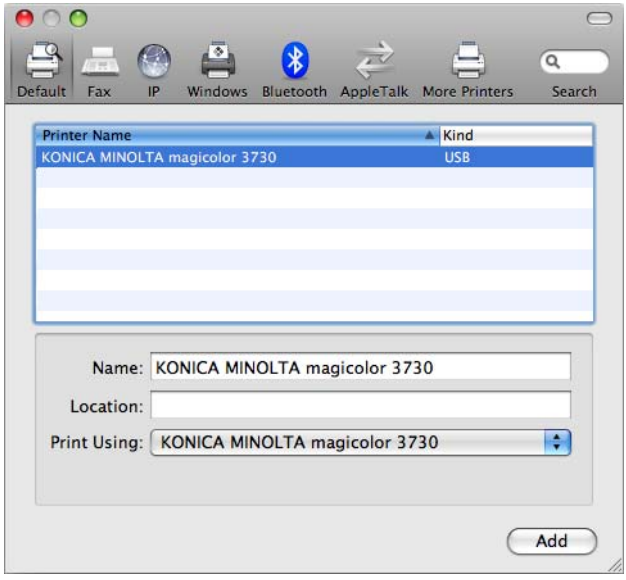
1. Use a USB cable to connect the printer to your computer.
2. Select **System Preferences** from the Apple menu.
3. Click **Print & Fax**.
4. In the **Print & Fax**, click **+** button.



The detected printer appears in the Printer Browser.



5 Select **KONICA MINOLTA magicolor 3730** in the **Printer Name** list.



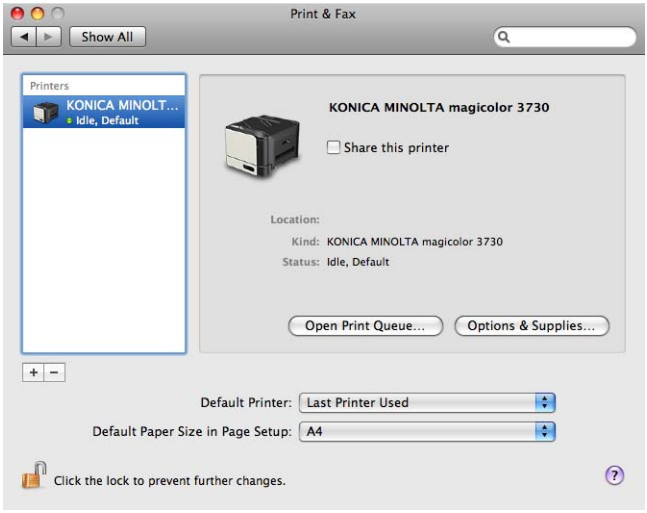
*If **KONICA MINOLTA magicolor 3730** does not appear, check that the printer is turned on and the USB cable is connected, and then restart the computer.*

6 Check that **KONICA MINOLTA magicolor 3730** is selected in the **Print Using** list.

7 Click **Add**.

8 Click **Continue**.

*The new printer appears in the **Print & Fax** screen.*



When Using a Network Connection

The network connection settings can be specified in one of two ways: Bonjour Setting and IP printing setting (IPP, LPD or Socket).

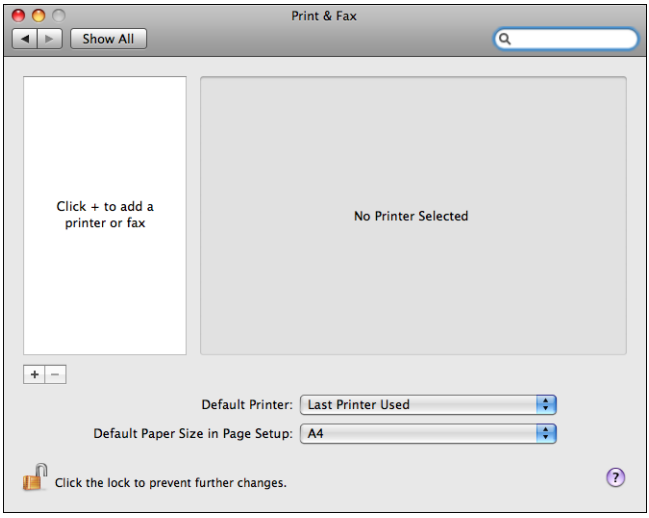
Bonjour Setting

1 Connect the machine to an Ethernet network.

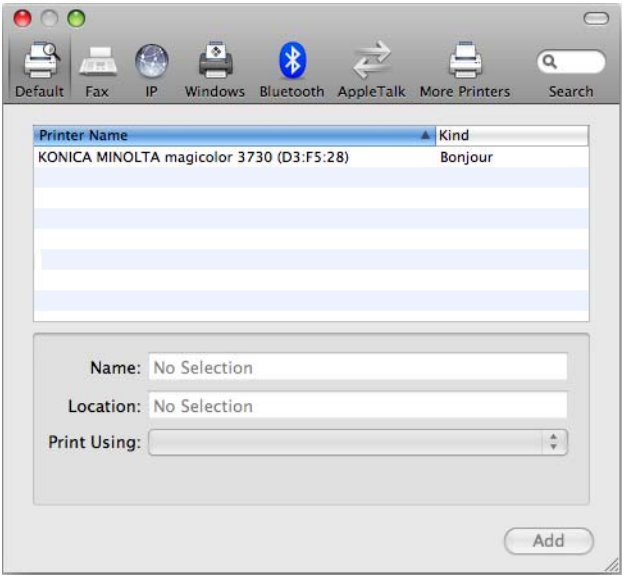
2 Select **System Preferences** from the Apple menu.

3 Click **Print & Fax**.

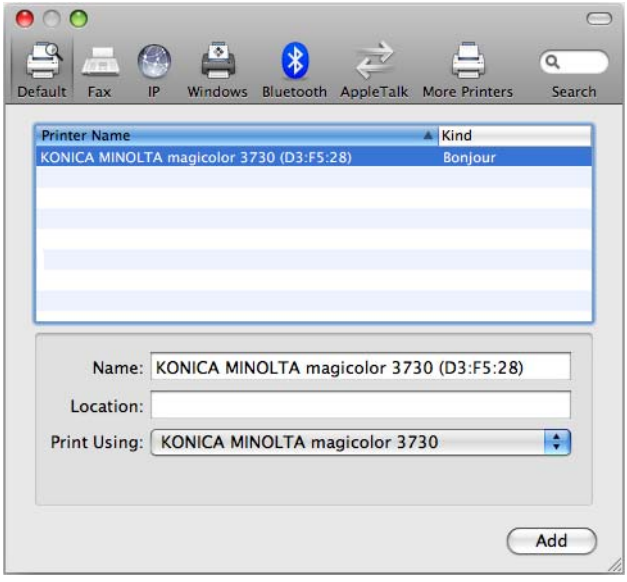
4 In the **Print & Fax**, click **+** button.



The detected printer appears in the Printer Browser.



5 Select **KONICA MINOLTA magicolor 3730 (xx:xx:xx)** in the **Printer Name** list.



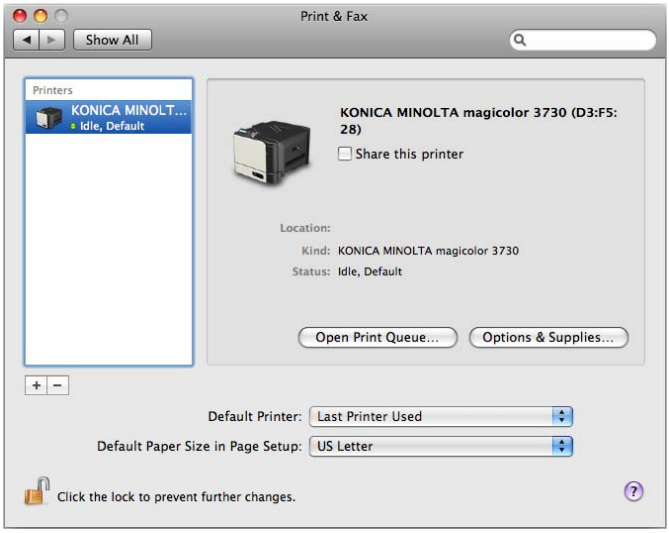
"xx:xx:xx" refers to the last six digits of the MAC address (in hexadecimal).

6 Check that **KONICA MINOLTA magicolor 3730** is selected in the **Print Using** list.

7 Click **Add**.

8 Click **Continue**.

*The new printer appears in the **Print & Fax** screen.*



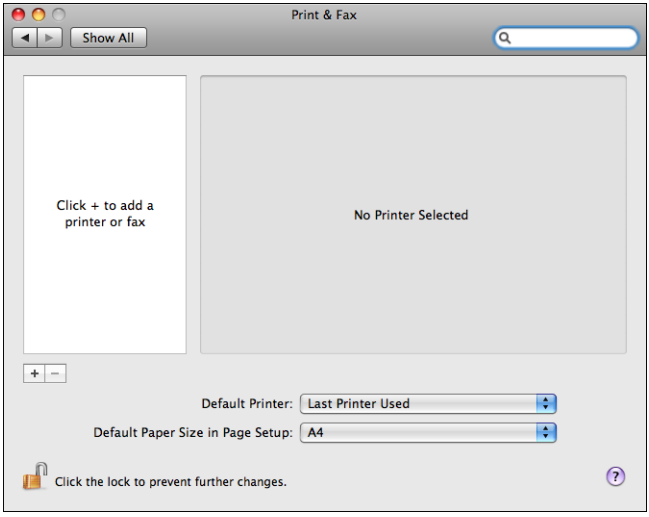
IP Printing Setting

1 Connect the machine to an Ethernet network.

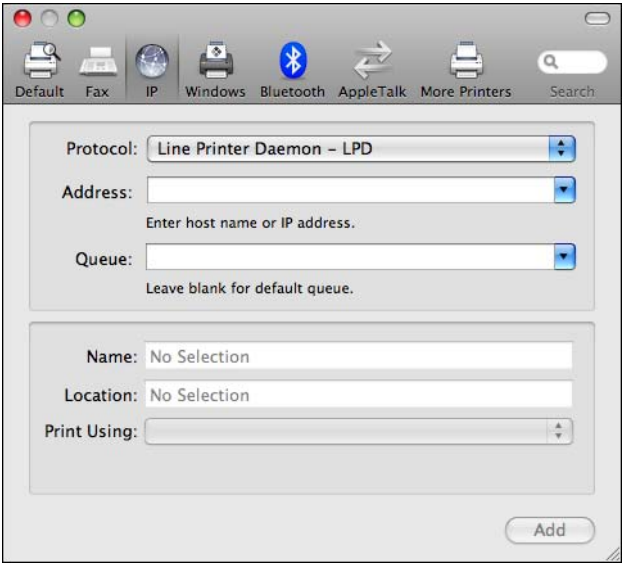
2 Select **System Preferences** from the Apple menu.

3 Click **Print & Fax**.

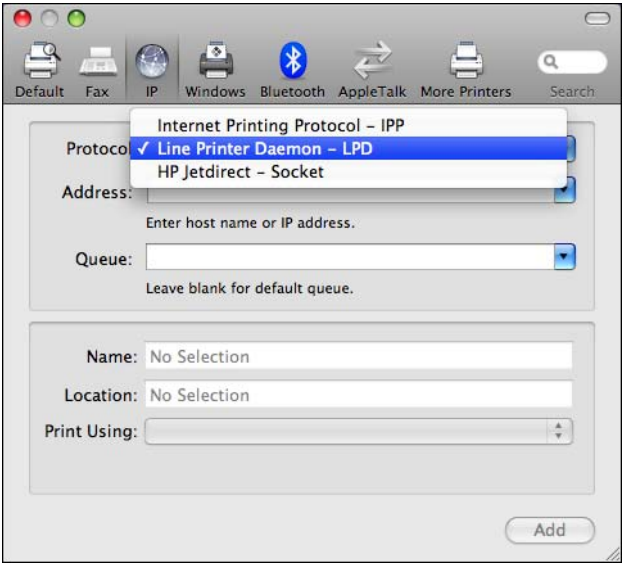
4 In the **Print & Fax**, click **+** button.



5 Click **IP**.

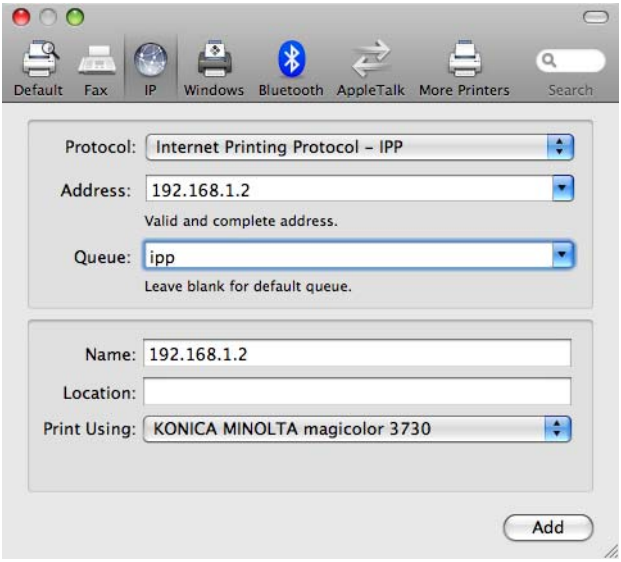


6 Select desired print protocol from the **Protocol** pop-up menu.



*- For an IPP setup, select **Internet Printing Protocol - IPP**.*
*- For an LPD setup, select **Line Printer Daemon - LPD**.*
*- For a port 9100 setup, select **HP Jetdirect - Socket**.*

7 Enter the IP address for the machine in the **Address** text box.



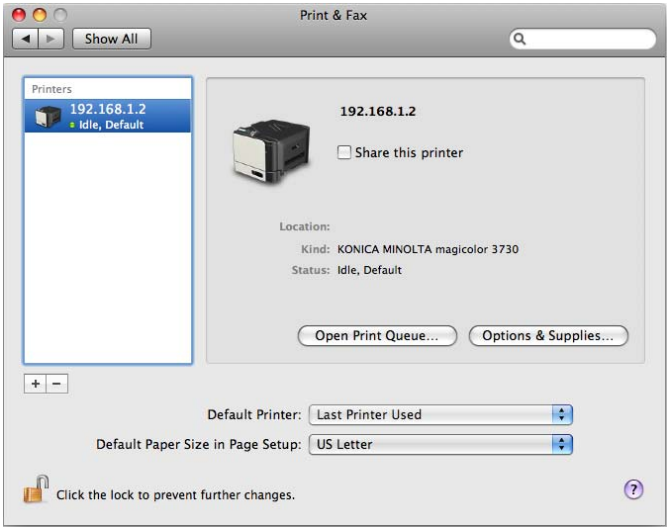
*- For an LPD setup, "lp" in the **Queue Name** text box.*
*- For an IPP setup, "ipp" in the **Queue Name** text box.*

8 Check that **KONICA MINOLTA magicolor 3730** is selected in the **Print Using** list.

9 Click **Add**.

10 Click **Continue**.

*The new printer appears in the **Print & Fax** screen.*

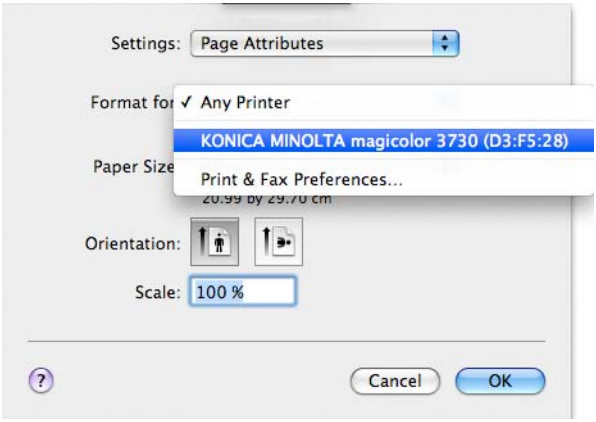


Specifying Page Setup Settings (Mac OS X 10.2/10.3/10.4/10.5/10.6)

The following dialog box appears when **Page Setup...** is selected from the **File** menu in the application being used.

1 Select **Page Setup...** from the **File** menu.
The **Page Setup** dialog box appears.

2 Select this printer in the **Format for** pop-up menu.

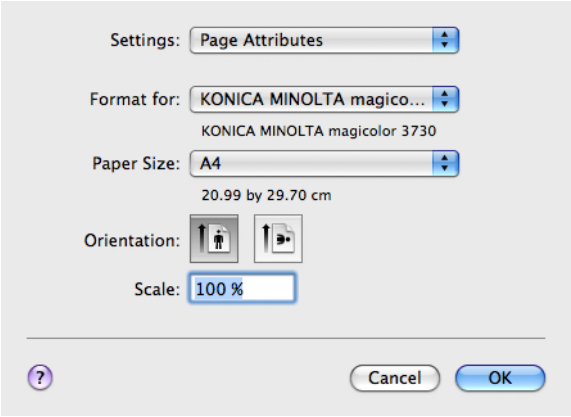


You can select the following sections from the **Settings** pop-up menu.

Section	Description
Page Attributes	This is used to specify the settings for the paper size, scaling, and print orientation.
Save As Default	This is used to save the new settings as the defaults.

Page Attributes Options

The **Page Attributes** section is used to specify the settings for the paper size, scaling, and print orientation.



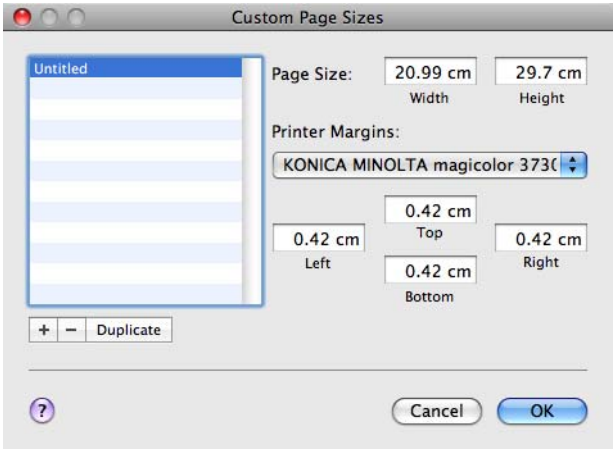
- Paper Size
  Select the desired paper size from the Paper Size pop-up menu.
- Orientation
  Select either a vertical or horizontal page orientation for printouts.
- Scale
  If you want to enlarge or reduce the size of the printout, enter the scale ratio here (25-400%).

Regardless of which paper size is selected, the machine does not print within 0.165" (4.2 mm) of the edge of the paper.

Specifying Custom Paper Size

You can also specify a paper size that is not listed in the **Paper Size** pop-up menu.

1 Select **Manage Custom Sizes** from the pop-up menu, in the **Page Setup** dialog box.
The **Custom Page Sizes** dialog box appears.



- +
  Click this button to create a new custom page size.
- -
  Click this button to delete a custom page size.
- Duplicate
  Click this button to duplicate (copy) the settings of an existing custom page size and create a new custom page size based on those settings.
- Page Size
  Enter the dimensions of the paper height and width for the custom page size.
  Single-sided
  Width: 3.63 - 8.50" (92 - 216 mm)
  Height (Tray 1):5.83 - 14.00" (148 - 356 mm)
  Height (Tray 2):5.83 - 11.69" (148 - 297 mm)

  Double-sided
  Width: 7.17 - 8.50" (182 - 216 mm)
  Height (Tray 1): 10.00 - 14.00" (254 - 356 mm)
- Printer Margins
  Enter the dimensions for the top, left, right, and bottom margins.

2 After you have finished entering the settings, click **OK.**

Regardless of which paper is selected, the printer does not print within 0.165" (4.2 mm) of the edge of the paper.

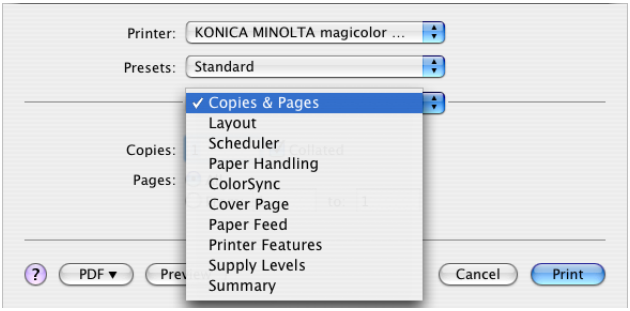
Specifying Print Settings (Mac OS X 10.4)

The following dialog box appears when **Print...** is selected from the **File** menu in the application being used.

1 Select **Print...** from the **File** menu.
The **Print** dialog box appears.

2 Select this printer in the **Printer** pop-up menu.
The Print dialog box is used to specify the following print options.

Print Dialog Box



Section	Description
Copies & Pages	This section contains options for the number of copies to be printed and the range of pages to print.
Layout	This section contains options for specifying the page layout when printing and the setting for double-sided printing.
Scheduler	This section contains options for specifying the print timing and priority of jobs.
Paper Handling	This section contains options for specifying the pages to be printed and their printing order.
ColorSync	This section contains options for specifying ColorSync settings.
Cover Page	This section contains options for specifying cover page settings.
Paper Feed	This section contains paper feed options.
Printer Features	This section contains options for specifying paper type and resolution settings.

Section	Description
Supply Levels	This section provides information for checking the amount of service life remaining on each consumable.
Summary	This is used to check the current settings.

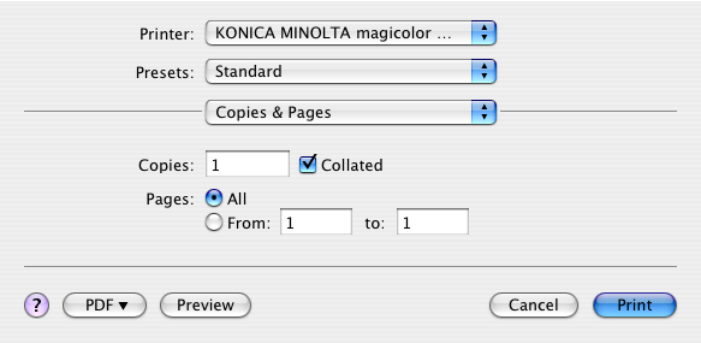
No warning message will be displayed if options cannot be used together are selected.

Common buttons

- ? (Help button)
  Click this button to display help information about the Print dialog box.
- PDF
  Click this button to select the PDF menu. The print output can be saved as a PDF file or faxed.
- Preview
  Click this button to view a preview image of the printout, to check that the print options are set correctly.
- Cancel
  Click this button to close the Print dialog box without applying any of the settings.
- Print
  Click this button to print using the selected print options.

Copies & Pages

The **Copies & Pages** section is used to specify the number of copies to print and the range of pages to print.



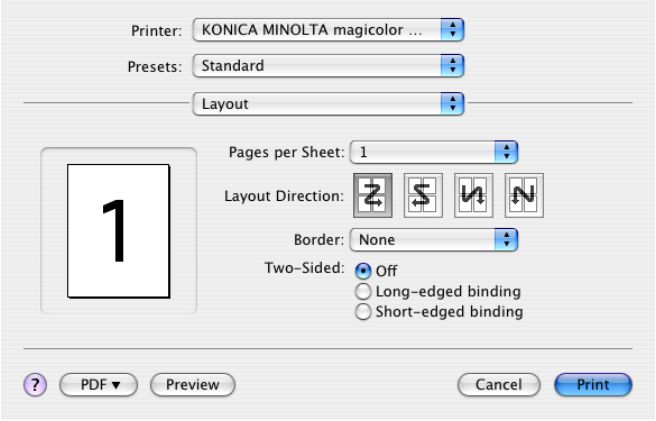
- Copies
  This specifies the number of copies to be printed. If the **Collated** check-box is selected, all pages in the documents are printed as sets of print-outs.
  For example, if 5 is entered for **Copies** and **Collated** is selected, the document is printed five times from the first page to the last page.
- Pages

  All: Prints all pages in the document.

  From, to: Specifies the range of pages to be printed.

Layout

The **Layout** section is used to specify the page layout when printing and the setting for double-sided printing.



- Pages per Sheet
  Specifies the number of pages to be printed on one sheet of paper. For example, if **2** is selected, two pages are printed on one sheet of paper.
- Layout Direction
  If you are printing more than one page per sheet, this specifies the direction and order the pages should be arranged on each sheet of paper.
- Border
  This prints a border around the image for each of the pages printed on one sheet of paper when more than one page is printed on one sheet of paper.
- Two-Sided
  Select the desired setting for double-sided printing.

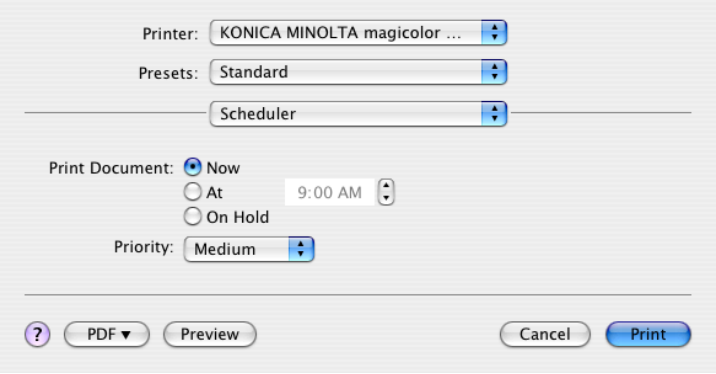
  Off: Double-sided printing is not performed.

  Long-edged binding: Double-sided printing is performed with the binding along the long edge of the paper.

  Short-edged binding: Double-sided printing is performed with the binding along the short edge of the paper.

Scheduler

The **Scheduler** section is used to specify the timing and priority for printing jobs.



- Print Document

  Now: Select this option to begin printing immediately.

  At: Specify the time to begin printing.

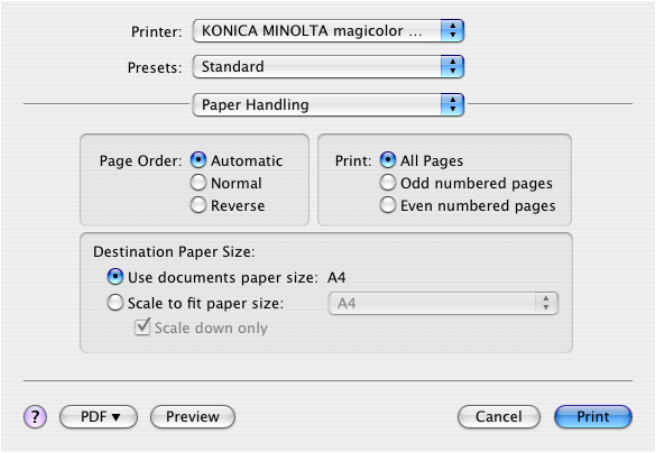
  On Hold: Select this option to hold the print job.

- Priority

  Select the priority for printing jobs that are being held.

Paper Handling

The **Paper Handling** section is used to specify the pages that are to be printed and the order in which the pages are printed.



- Page Order

  Automatic: Select this option to print in the original page order of the document.

  Normal: Select this option to print in the normal page order.

  Reverse: Select this option to print in the reverse page order.

- Print

  All Pages: Select this option to print all pages.

  Odd numbered pages: Select this option to print only the pages with odd page numbers.

  Even numbered pages: Select this option to print only the pages with even page numbers.

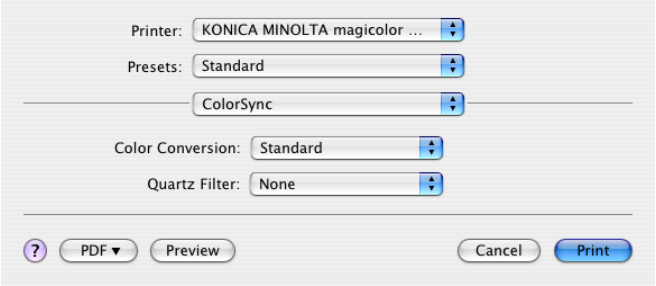
- Destination Paper Size

  Use documents paper size: Select this option to use the document size as created by software applications.

  Scale to fit paper size: Select this option to fit the document size to the size of paper used by the machine. Specify the size of paper used by the machine.

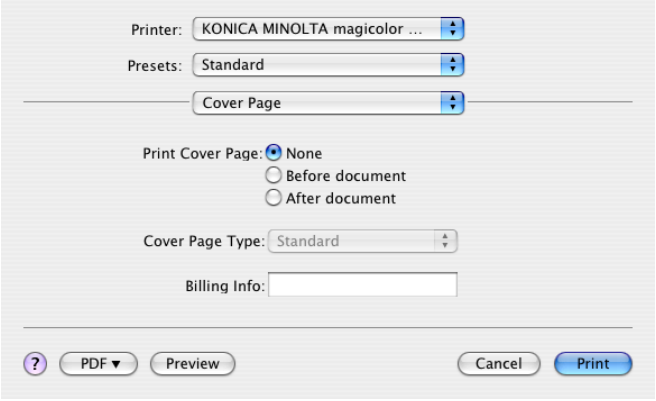
  Scale down only: Select this option to reduce the printing size.

ColorSync



- Color Conversion
  Allows you to select host-based color matching or printer-based color matching.
- Quartz Filter
  Allows you to select Quartz Filter.

Cover Page



- Print Cover Page
  Allows you to set cover page before or after document.
- Cover Page Type
  Allows you to select cover page type.
- Billing Info
  Allows you to set billing information printed on cover page.

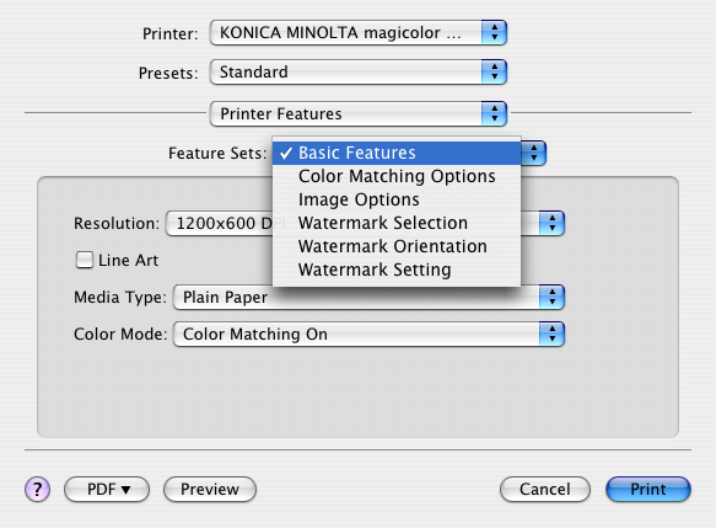
Paper Feed

The **Paper Feed** section is used to specify the paper feed setting.

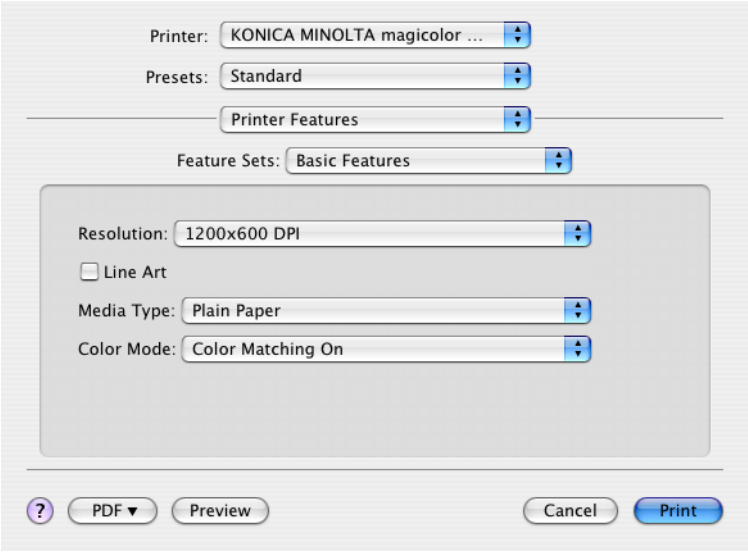
- All pages from
  All pages in the document are printed using the paper in the specified paper tray.
- First page from
  The first page of the document is printed on paper from a paper tray different from the tray used to print the rest of the document.
- Remaining from
  The rest of the document is printed from the specified paper tray when the first page is to be printed on paper from a different tray.

Printer Features

The **Printer Features** section is used to specify the resolution, paper type, color options, watermark options etc., for the **Basic Features**, **Color Matching Options**, **Image Options**, **Watermark Selection**, **Watermark Orientation**, and **Watermark Setting** feature sets.

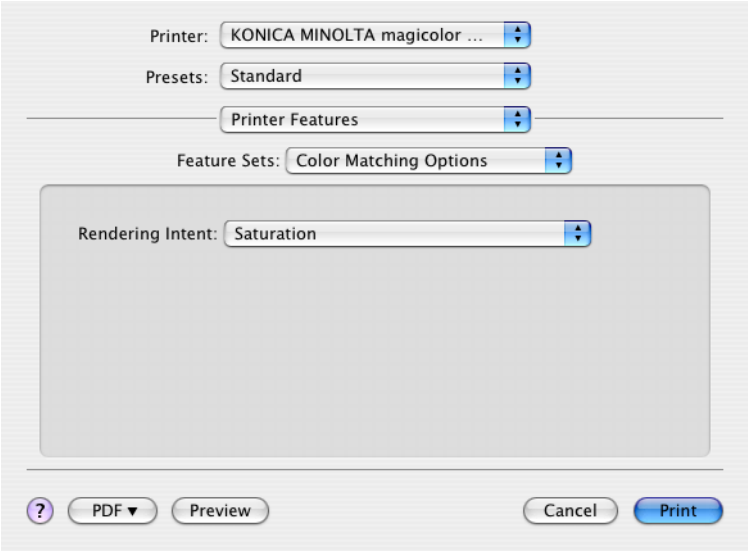


Basic Features



- Resolution
  This option specifies the resolution to be used when printing a document.
- Line Art
  Select this check box to print more detailed images.
- Media Type
  This option specifies the type of paper on which the print image will be printed.
- Color Mode
  This option specifies whether the document should be printed in color (Color Matching On / Color Matching Off) or Grayscale.

Color Matching Options



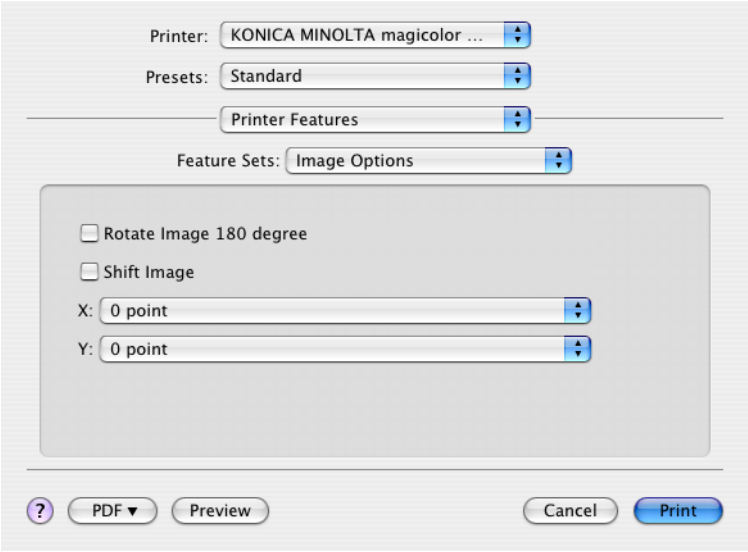
- Rendering Intent
  This option specifies the color matching settings.

  Perceptual: Performs suitable color matching for photographic images.

  Colorimetric: Performs most accurate hue color match, but the printer may replace hues it cannot reproduce.

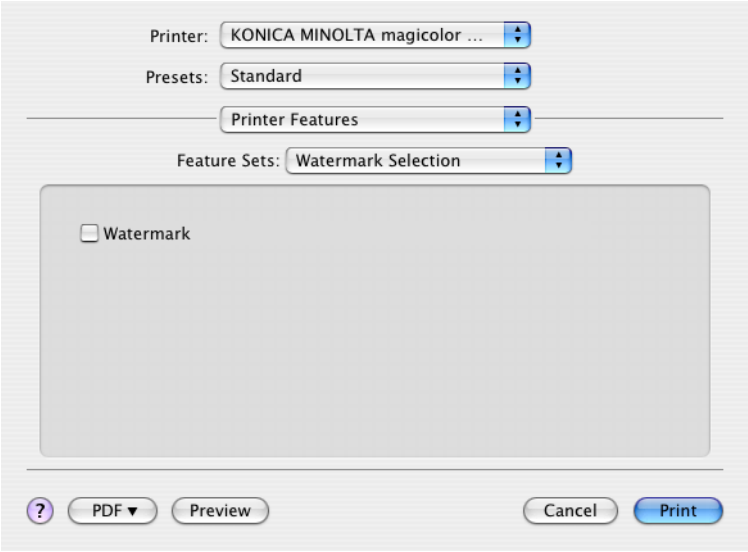
  Saturation: Performs suitable color matching for business graphics.

Image Options



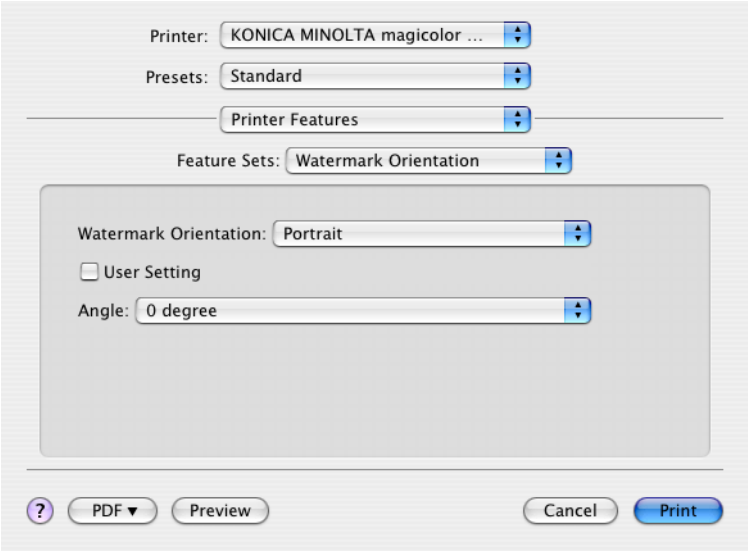
- Rotate Image 180 degree
  Select this check box to print the image rotated 180 degrees.
- Shift Image
  Select this check box to print the image shifted in the X and Y directions.
  X: Select the distance to shift the image in the X direction.
  Y: Select the distance to shift the image in the Y direction.

Watermark Selection



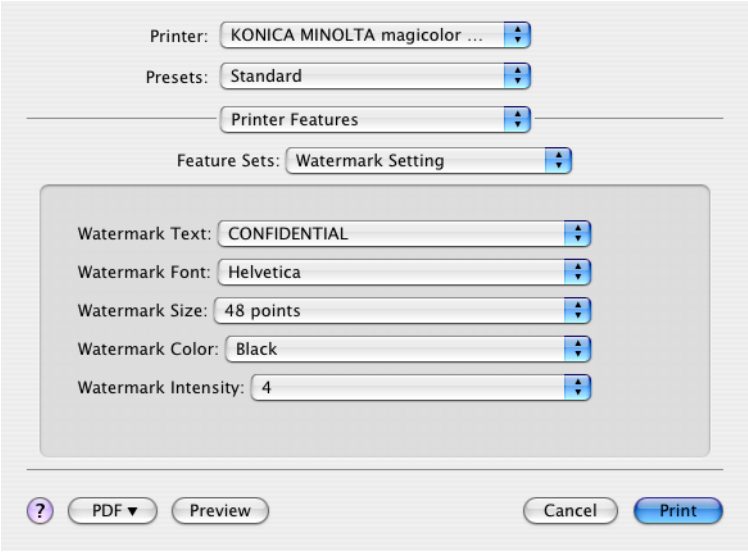
- Watermark
  This specifies whether to use a watermark print.

Watermark Orientation



- Watermark Orientation
  This option specifies the direction of the text in a watermark.
- User Setting
  Select this check box to select the angle of the watermark.
- Angle
  Select the angle of the watermark.

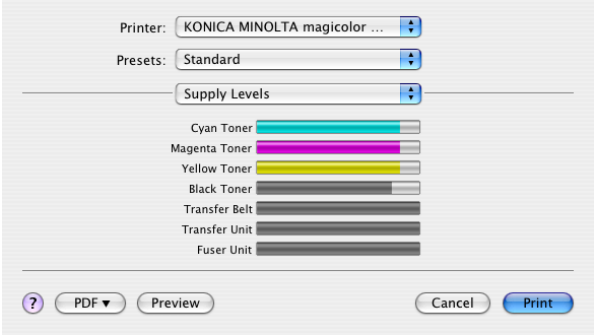
Watermark Setting



- Watermark Text
  This specifies the text in the watermark.
- Watermark Font
  This specifies the font to be used for the text in the watermark.
- Watermark Size
  This specifies the font size to be used for the text in the watermark.
- Watermark Color
  This specifies the color of the text in the watermark.
- Watermark Intensity
  This specifies the density of text in the watermark.

Supply Levels

The **Supply Levels** section provides information for checking the amount of service life remaining on each consumable.

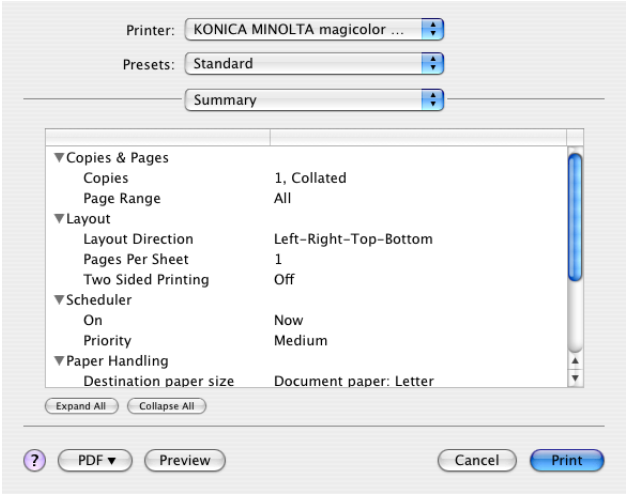


*The **Supply Levels** section appears when a printer is created on Mac OS X v10.4 with a Bonjour, IPP, LPD, Socket connection.*

*The **Supply Levels** section may not appear depending on the application you use.*

Summary

The **Summary** is used to check the currently selected print settings.



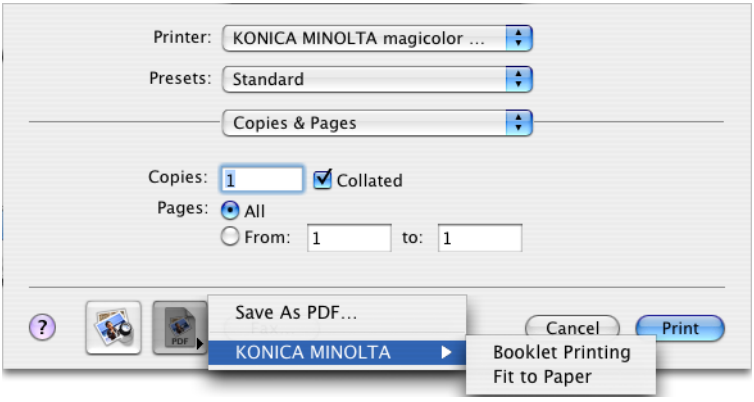
Using Additional Features (Mac OS X 10.2/10.3/10.4/10.5/10.6)

The following dialog box appears when **Print...** is selected from the **File** menu in the application being used.

1 Select **Print**... from the **File** menu.
The **Print** dialog box appears.

2 From the **PDF** pop-up, select **KONICA MINOLTA**, and then select the feature to be used.

The Fit to Paper function is only supported in Mac OS X 10.2/10.3.



- Booklet Printing
  Print the document as a booklet. The binding can be set to the left or right side.

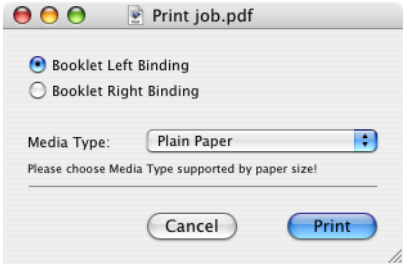
  When the Booklet Printing function is used, the following limitations are applied. In order to avoid these limitations, use the free Apple software Create Booklet instead. For details, Refer to "Troubleshooting" on page 1-90.
  *- Pages are printed in color even when **Color Mode** is set to **Grayscale**.*
  *- Paper is fed from Tray 1 even when **Paper Feed** is set to **Tray 2**.*
  Konica Minolta Business Technologies, Inc. and its related groups assume no responsibility for injuries to users or any other consequences arising from the use of the Apple software.

- Fit to Paper
  Print with the paper size of the document adjusted to any paper size.

  When printing with the Fit to Paper feature, the image is printed centered in the paper.

3 Specify the necessary settings, and then click **Print**.

Booklet Printing

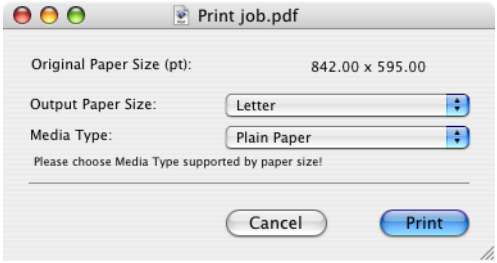


- Booklet Left Binding
  Select to bind the document on the left side.
- Booklet Right Binding
  Select to bind the document on the right side.
- Media Type
  Select the type of paper to be printed.

  Select a paper type that is compatible with the paper size being used.
- Cancel
  Stops printing.
- Print
  Prints the document bound at the specified location.

  When printing using the Booklet Printing function, no other specified print settings are applied. Instead, printing is performed using all of the standard print settings.

Fit to Paper



- Original Paper Size (pt)
  The size of the original document (in points) is displayed.
- Output Paper Size
  Select the size of paper to be printed.
- Media Type
  Select the type of paper to be printed.

  Select a paper type that is compatible with the paper size being used.
- Cancel
  Stops printing.
- Print
  The document is printed automatically reduced or enlarged to fit the selected paper size.

Specifying Print Settings (Mac OS X 10.5/10.6)

The following dialog box appears when **Print...** is selected from the **File** menu in the application being used.

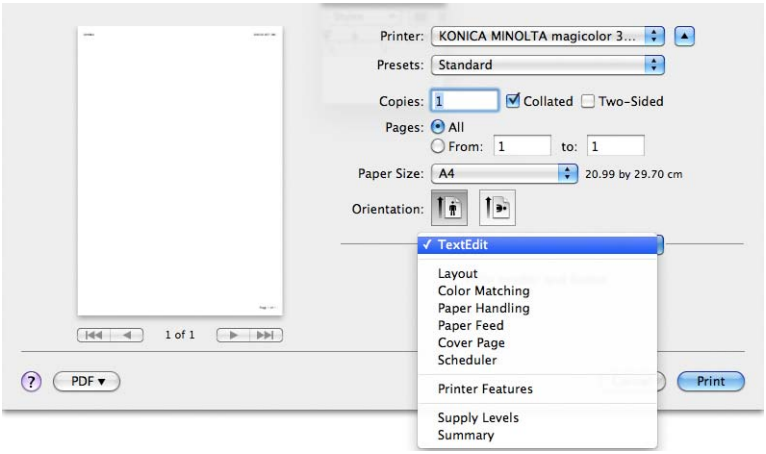
1 Select **Print...** from the **File** menu.

*The **Print** dialog box appears.*

2 Select this printer in the **Printer** pop-up menu.

The Print dialog box is used to specify the following print options.

Print Dialog Box



Section	Description
Layout	This section contains options for specifying the page layout when printing and the setting for double-sided printing.
Color Matching	This section contains options for specifying ColorSync settings.
Paper Handling	This section contains options for specifying the pages to be printed and their printing order.
Paper Feed	This section contains paper feed options.
Cover Page	This section contains options for specifying cover page settings.

Section	Description
Scheduler	This section contains options for specifying the print timing and priority of jobs.
Printer Features	This section contains options for specifying paper type and resolution settings.
Supply Levels	This section provides information for checking the amount of service life remaining on each consumable.
Summary	This is used to check the current settings.

No warning message will be displayed if options cannot be used together are selected.

Common buttons

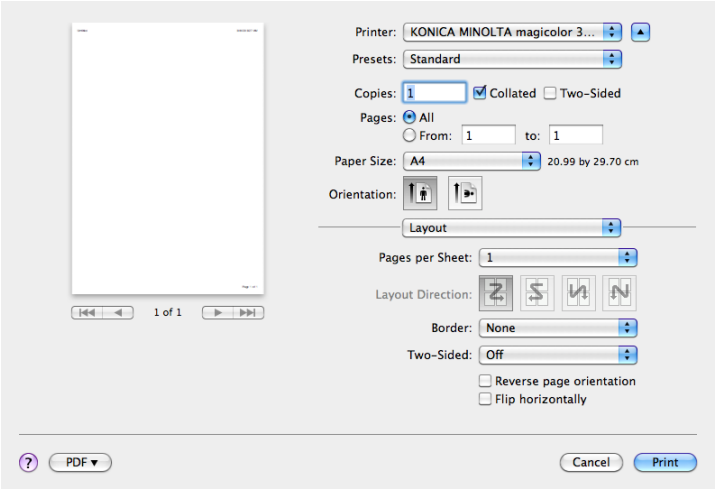
- ? (Help button)
  This displays help information about the Print dialog box.
- PDF
  Click this button to select the PDF menu. The print output can be saved as a PDF file or faxed.
- Cancel
  Click this button to close the Print dialog box without applying any of the settings.
- Print
  Click this button to print using the selected print options.
- Copies
  This specifies the number of copies to be printed. If the **Collated** checkbox is selected, all pages in the documents are printed as sets of printouts. For example, if 5 is entered for **Copies** and **Collated** is selected, the document is printed five times from the first page to the last page. If **Two-Sided** checkbox is selected, the document is printed on both sides of the paper.
- Pages

  All: Prints all pages in the document.

  From, to: Specifies the range of pages to be printed.
- Paper Size
  Select the desired paper size from the Paper Size pop-up menu.
- Orientation
  Select either a vertical or horizontal page orientation for printouts.

Layout

The **Layout** section is used to specify the page layout when printing and the setting for double-sided printing.



- Pages per Sheet
  Specifies the number of pages to be printed on one sheet of paper. For example, if **2** is selected, two pages are printed on one sheet of paper.
- Layout Direction
  If you are printing more than one page per sheet, this specifies the direction and order the pages should be arranged on each sheet of paper.
- Border
  This prints a border around the image for each of the pages printed on one sheet of paper when more than one page is printed on one sheet of paper.

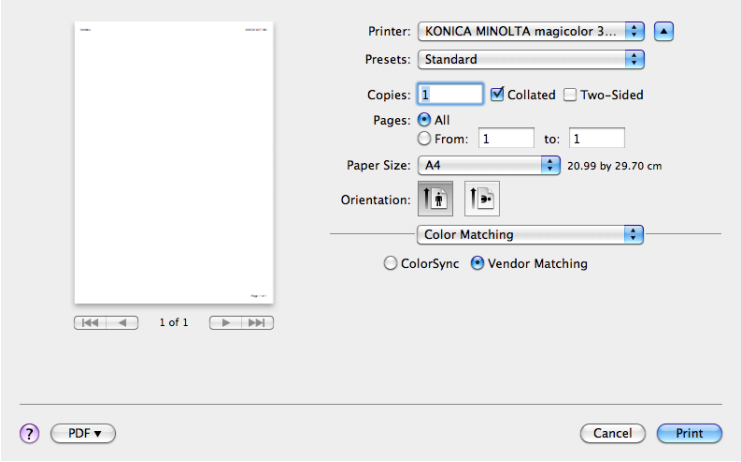
- Two-Sided
  Select the desired setting for double-sided printing.

  Off: Double-sided printing is not performed.

  Long-edge binding: Double-sided printing is performed with the binding along the long edge of the paper.

  Short-edge binding: Double-sided printing is performed with the binding along the short edge of the paper.
- Reverse Page Orientation
  The printing direction is inverted vertically.
- Flip horizontally (OS X 10.6 only)
  Select whether or not to print the page flipped horizontally.

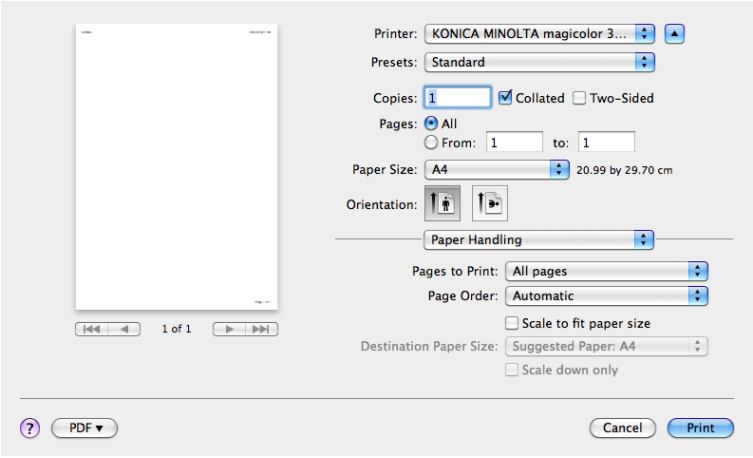
Color Matching



- Color Matching
  ColorSync: Allows you to select host-based color matching.
  Vendor Matching: Allows you to select printer-based color matching.
- Profile
  Allows you to select ColorSync Profile.

Paper Handling

The **Paper Handling** section is used to specify the pages that are to be printed and the order in which the pages are printed.



- Pages To Print

  All pages: Select this option to print all pages.

  Odd Only: Select this option to print only the pages with odd page numbers.

  Even Only: Select this option to print only the pages with even page numbers.

- Destination Paper Size
  Select this option to use the document size as created by software applications.

  Scale to fit paper size: Select this option to fit the document size to the size of paper used by the printer.

  Specify the size of paper used by the printer.

  Scale down only: Select this option to reduce the printing size.

- Page Order

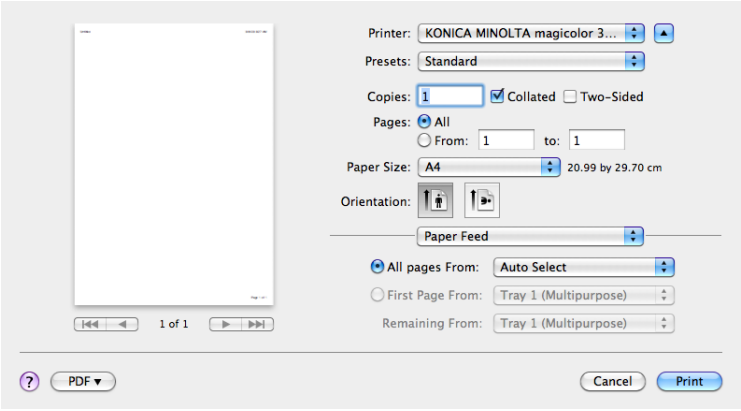
  Automatic: Select this option to print in the original page order of the document.

  Normal: Select this option to print in the normal page order.

  Reverse: Select this option to print in the reverse page order.

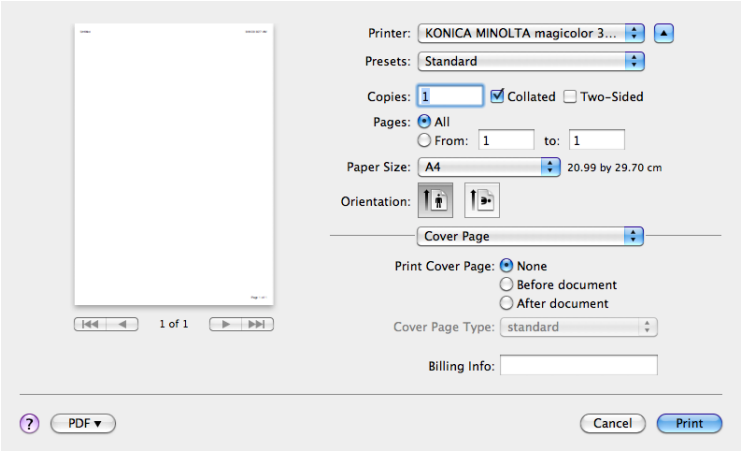
Paper Feed

The **Paper Feed** section is used to specify the paper feed setting.



- All pages from
  All pages in the document are printed using the paper in the specified paper tray.
- First page from
  The first page of the document is printed on paper from a paper tray different from the tray used to print the rest of the document.
- Remaining from
  The rest of the document is printed from the specified paper tray when the first page is to be printed on paper from a different tray.

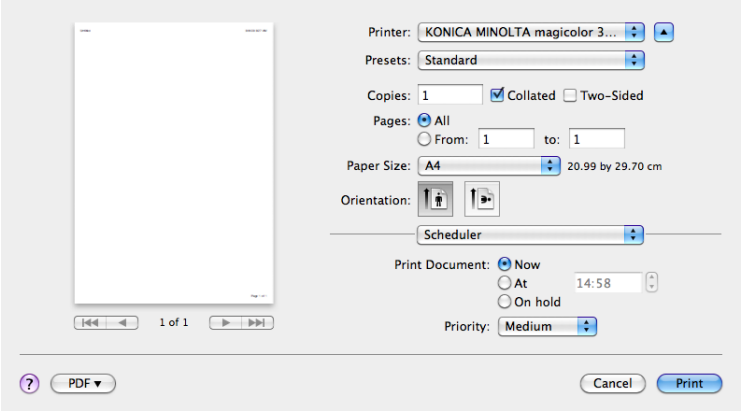
Cover Page



- Print Cover Page
  Allows you to set cover page before or after document.
- Cover Page Type
  Allows you to select cover page type.
- Billing Info
  Allows you to set billing information printed on cover page.

Scheduler

The **Scheduler** section is used to specify the timing and priority for printing jobs.



- Print Document

  Now: Select this option to begin printing immediately.

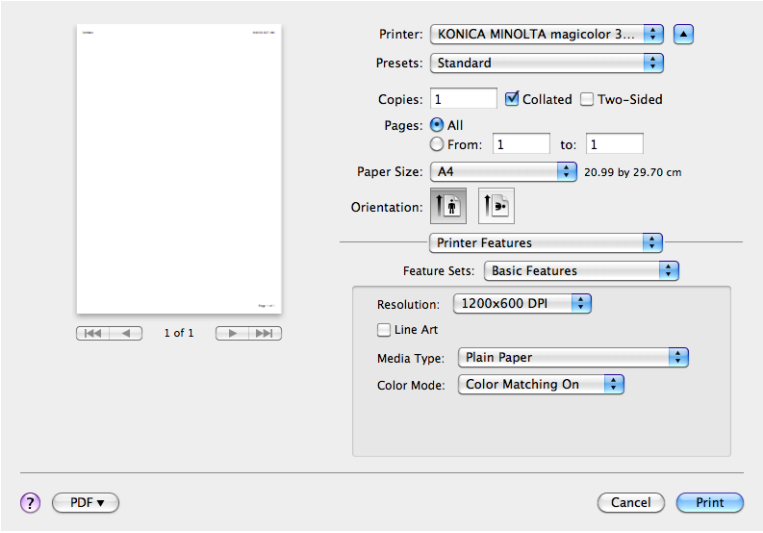
  At: Specify the time to begin printing.

  On Hold: Select this option to hold the print job.

- Priority
  Select the priority for printing jobs that are being held.

Printer Features

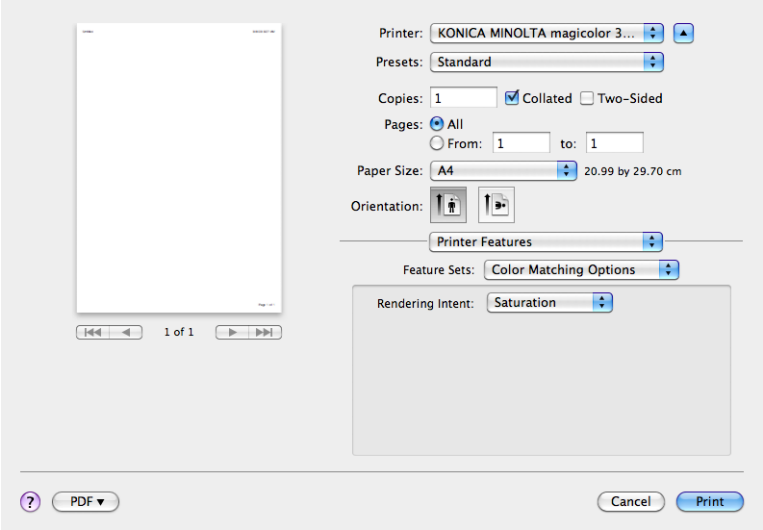
The Printer Features section is used to specify the resolution, paper type, color options, watermark options etc., for the **Basic Features**, **Color Matching Options**, **Image Options**, **Watermark Selection**, **Watermark Orientation**, and **Watermark Setting** feature sets.



Basic Features

- Resolution
  This option specifies the resolution to be used when printing a document.
- Line Art
  Select this check box to print more detailed pages.
- Media Type
  This option specifies the type of paper on which the print image will be printed.
- Color Mode
  This option specifies whether the document should be printed in color (Color Matching On/Color Matching Off) or Grayscale.

Color Matching Option



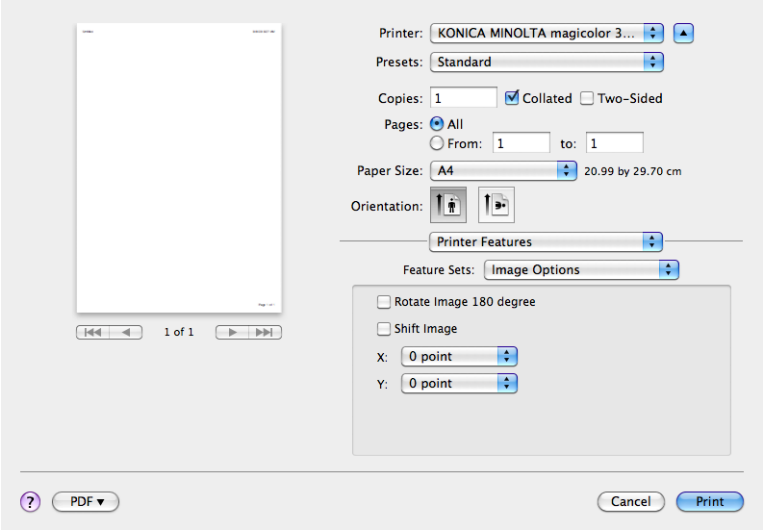
- Rendering Intent
  This option specifies the color matching settings.

  Perceptual: Performs suitable color matching for photographic images.

  Colorimetric: Performs most accurate hue color match, but the printer maybe replace hues it cannot reproduce.

  Saturation: Performs suitable color matching for business graphics.

Image Options

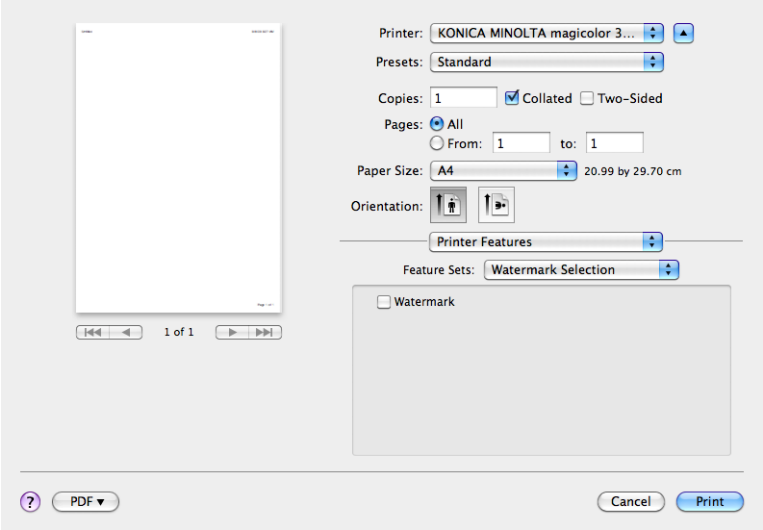


- Rotate Image 180 degree
  Select this check box to print the image rotated 180 degrees.
- Shift Image
  Select this check box to print the image shifted in the X and Y directions.

  X: Select the distance to shift the image in the X direction.

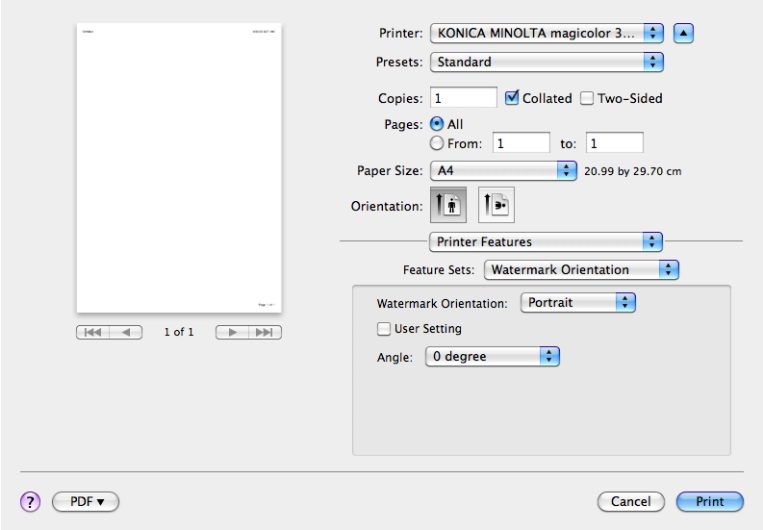
  Y: Select the distance to shift the image in the Y direction.

Watermark Selection



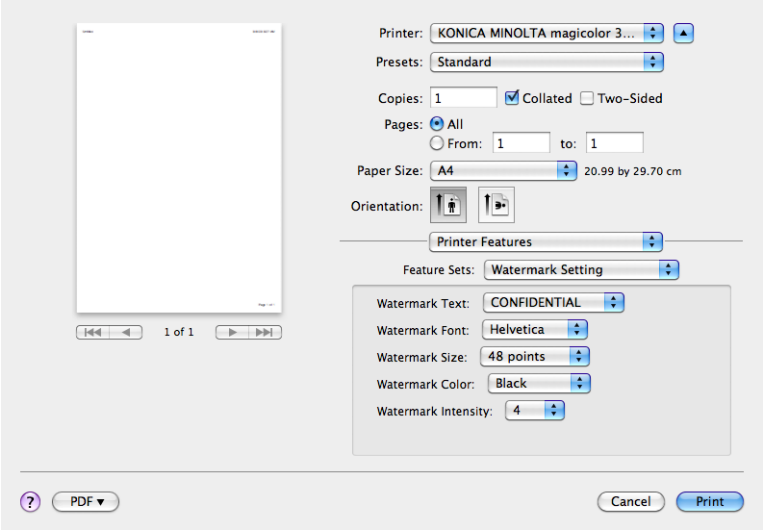
- Watermark
  This specifies whether to use a watermark point.

Watermark Orientation



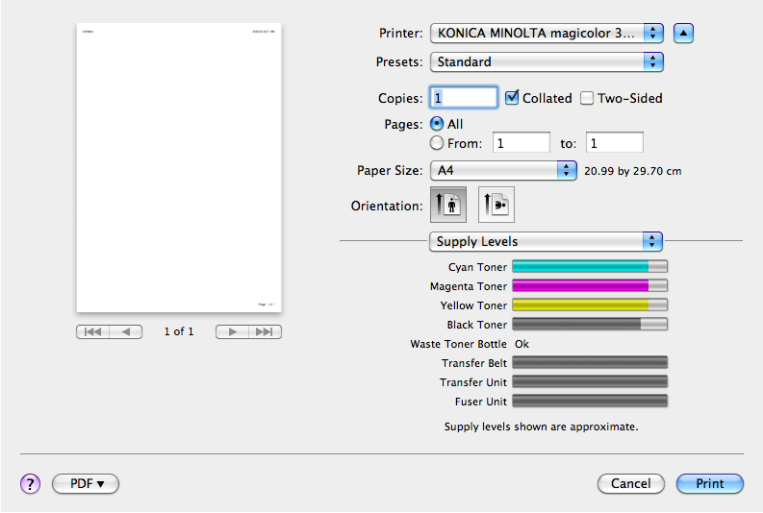
- Watermark Orientation
  This option specifies the direction of the text in a watermark.
- User Setting
  Select this check box to select the angel of the watermark.
- Angle
  Select the angel of the watermark.

Watermark Setting



- Watermark Text
  This specifies the text in the watermark.
- Watermark Font
  This specifies the font to be used for the text in the watermark.
- Watermark Size
  This specifies the font size to be used for the text in the watermark.
- Watermark Color
  This specifies the color of the text in the watermark.
- Watermark Intensity
  This specifies the density of text in the watermark.

Supply Levels



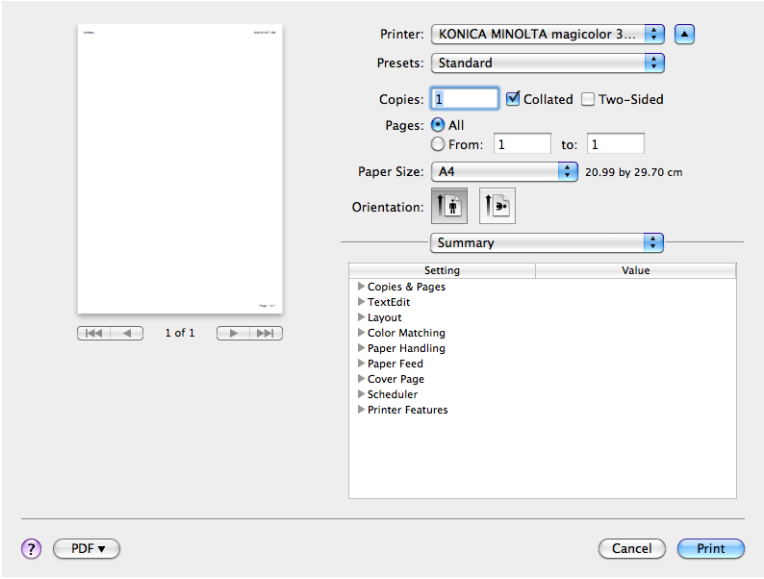
The **Supply Levels** section provides information for checking the amount of service life remaining on each consumable.

*The **Supply Levels** section appears when a printer is created on Mac OS X v10.5 with a Bonjour, IPP, LPD, Socket connection.*

*The **Supply Levels** section may not appear depending on the application you use.*

Summary

The **Summary** is used to check the currently selected print settings.



Troubleshooting

Symptom	Solution
The setting in the saved presets are not applied.	Depending on the functions selected for the printer, some preset settings are not saved.
Media type error appears.	If a media type, such as “Thick paper”, is specified for Tray 1 or Tray 2, a media type error appears and the printer stops. Be sure to specify a media type supported by Tray 1 or Tray 2.
The printer stops responding.	Depending on the operating system, some paper size and paper type combinations are not permitted. If the job was sent with an incorrect combination of settings, the printer stops responding. Be sure to print with the correct combination of paper size and paper type settings.
The printer is not detected using Rendezvous/Bonjour.	Using PageScope Web Connection, select the **Enable** on the **Bonjour** page. For details, refer to page 5-40.
Checking the version number of the printer driver and PPD file.	■ For Mac OS X 10.4: Select the printer from Printer Setup Utility, and then click **Show Info** in the **Printers** menu. In the pop-up menu of the Printer Info dialog box, select **Name & Location**. ■ For Mac OS X 10.5: Select the printer from **Print & Fax**, and then click **Options & Supplies**. Click **General** tab.
The dialog box may appear unusual when selecting other manufacturer printer and back to magicolor.	Close the Print dialog box, and then open it again.
The custom paper size is different from the size that was set.	Depending on the operating system, the custom paper size settings may change slightly due to OS round of errors in unit conversion (for example, 5.80" may change to 5.79").

Symptom	Solution
When printing 2 pages on a single sheet of paper, the pages are not centered on the paper.	Depending on the operating system, the pages are not centered on the paper when printing two pages on a single sheet of paper with the following paper sizes. Legal, Letter Plus, Foolscap, Government Legal, Statement, Folio
While printing from Acrobat Reader, the pages are not correctly collated or the print job is cancelled.	If a printing error occurs with Acrobat Reader, print using the preview feature provided by the operating system.
When Mac OS X 10.4 is used to send a job with a custom paper size that has a width of 21.6 cm, Letter-size paper is requested.	Change the width of the custom paper size to 21.59 cm, and then try sending the job again.
Part of the print image is lost when printing on Legal-size paper or larger from Microsoft Word on Mac OS X 10.5/10.6.	Print on paper that is smaller than Legal size.
Pages are printed in color when **Booklet Printing** is selected, even when **Color Mode** is set to **Grayscale**.	Use the free Apple software Create Booklet. The latest version of Create Booklet can be downloaded from <http://www.apple.com/downloads/macosx/automator/createbooklet.html>
Paper is fed from Tray 1 when **Booklet Printing** is selected, even when **Paper Feed** is set to **Tray 2**.	Load the paper in Tray 1. Otherwise, use the free Apple software Create Booklet, and select the paper tray.

2 *Printer Utilities*

Installing Printer Utilities on Windows

You must have administrator privileges in order to install the Printer Utilities.

Before proceeding with the installation, be sure to exit all running applications.

The following procedure describes how to install the Printer Utilities.

Administration Tools

- PageScope Net Care Device Manager

1 Insert “Printer Driver and Utility” CD/DVD in your CD/DVD drive.

2 Select “Administration Tools”.

3 Select “PageScope Net Care Device Manager”.

4 From the Tools dialogs, select the utilities to be installed.

5 From Utility dialogs, select “Install”.

Click "Back" button to display previous page.

Click "Top Menu" button to display top page.

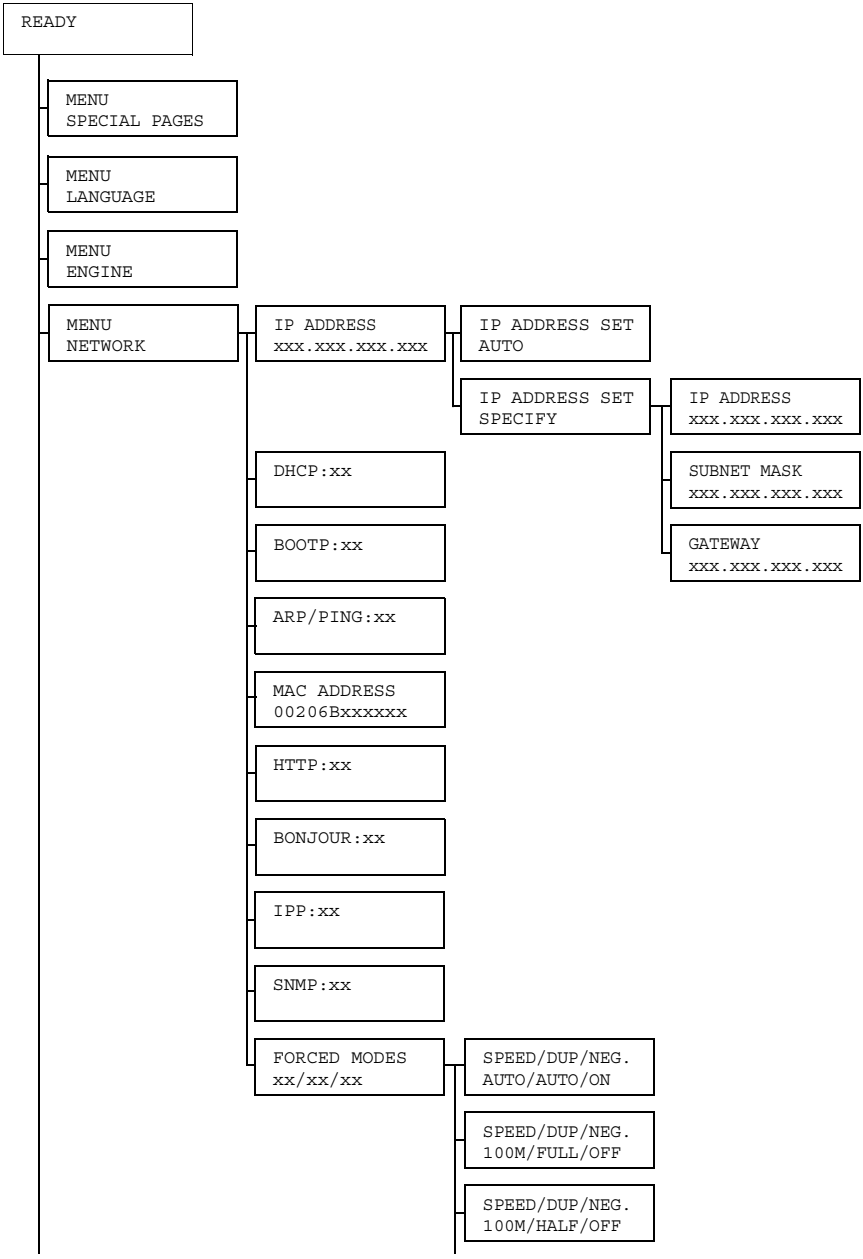
6 Follow the onscreen instructions to complete the installation.

7 After the installation is complete, remove the Printer Driver and Utility CD/DVD from your CD/DVD drive and store it in a safe place.

3 Understanding the Ethernet Configuration Menus

Ethernet Menu

Location within the Configuration Menu



Accessing the Network Menu

Use the following series of keystrokes at the printer to access the Network menu options on your printer. This menu provides access to all of the configurable network items.

Press this key . . .	**(until) the message window reads.** . .
	READY
* Menu Select ↵	MENU SPECIAL PAGES
▽	MENU NETWORK
* Menu Select ↵	IP ADDRESS

Restart the printer if any of the following Ethernet settings are changed.

- IP-ADDRESS - AUTO
- BONJOUR
- IPP
- SNMP

Using the Network Menu Options

If the printer is connected to a network, the following settings should be specified. For details about each setting, contact your network administrator.

When manually setting the IP address, Subnet Mask, and Gateway turn off DHCP first.

IP ADDRESS

AUTO

Purpose	The IP address of the printer is automatically specified.

SPECIFY - IP ADDRESS

Purpose	Sets the IP address of this printer on the network.
Range	0–255 for each *xxx* triplet Use the Up and Down keys to increase or decrease each number; use the Left and Right keys to move between triplets.
Default	192.168.1.2

SPECIFY - SUBNET MASK

Purpose	Sets the subnet mask value of the network. The subnet mask allows you to limit access to your printer (for example, according to departmental divisions).
Range	0–255 for each *xxx* triplet Use the Up and Down keys to increase or decrease each number; use the Left and Right keys to move between triplets.
Default	255.255.255.000

SPECIFY - GATEWAY

Purpose	Sets the address of the router/gateway if a router/gateway is used on your network and you allow users outside your network environment to print on your printer.
Range	0–255 for each *xxx* triplet Use the Up and Down keys to increase or decrease each number; use the Left and Right keys to move between triplets.
Default	192.168.1.1

DHCP

Purpose	If there is a DHCP server on the network, specifies whether the IP address and other network information is automatically assigned by the DHCP server.
Options	ON OFF
Default	ON

BOOTP

Purpose	If there is a BOOTP server on the network, specifies whether the IP address and other network information is automatically assigned by the BOOTP server.
Options	ON OFF
Default	OFF

ARP/PING

Purpose	Select whether or not the IP address is automatically acquired. If ON is selected, the IP address is automatically acquired. If OFF is selected, the IP address is not automatically acquired.
Options	ON OFF
Default	OFF

MAC ADDRESS

Purpose	Displays the MAC address for the printer. The MAC address cannot be changed.
Default	00206Bxxxxxx

HTTP

Purpose	Select whether or not to enable HTTP. If ON is selected, HTTP is enabled. If OFF is selected, HTTP is disabled.
Options	ON OFF
Default	ON

BONJOUR

Purpose	Select whether or not to enable Bonjour. If ON is selected, Bonjour is enabled. If OFF is selected, Bonjour is disabled.
Options	ON OFF
Default	ON

IPP

Purpose	Select whether or not to enable IPP. If ON is selected, IPP is enabled. If OFF is selected, IPP is disabled.
Options	ON OFF
Default	ON

SNMP

Purpose	Select whether or not to enable SNMP. If ON is selected, SNMP is enabled. If OFF is selected, SNMP is disabled.
Options	ON OFF
Default	ON

FORCED MODES

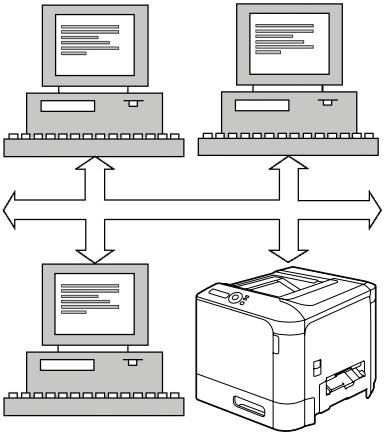
Purpose	Select the transmission speed for the network, the communication method for bi-directional communication, and the auto-negotiation setting.
Options	AUTO/AUTO/ON 100M/FULL/OFF 100M/HALF/OFF 10M/FULL/OFF 10M/HALF/OFF
Default	AUTO/AUTO/ON

Network Printing 4

Network Connection

Theory

To connect your printer in a TCP/IP network environment, you must make sure that the internal network addresses in the printer have been set.



In many cases, you have to enter only a unique IP address. However, you may also have to enter a subnet mask and/or a gateway (router) address, depending on your network configuration requirements.

Making the Connection

Ethernet Interface

An RJ45 connector can be used as the Ethernet interface for this printer.

When connecting your printer to an Ethernet network, the tasks you perform depend on how you plan to set the printer's IP (Internet Protocol) address. Printers are shipped with a preset IP address, subnet mask, and gateway.

- **IP Address**—A unique identifier for each device on a TCP/IP network.
- **Subnet Mask**—A filter used to determine what subnet an IP address belongs to.
- **Gateway**—A node on a network that serves as an entrance to another network.

Since the IP address for each PC and printer on your network must be unique, you usually need to modify this preset address so it doesn't conflict with any other IP address or your network or any attached network. You can do this in one of two ways. Each is explained in detail in the following sections.

- Using DHCP
- Setting the address manually

Using DHCP

If your network supports DHCP (Dynamic Host Configuration Protocol), the printer's IP address will be automatically assigned by the DHCP server when you turn on the printer. (Refer to "Network Printing" on page 4-9 for a description of DHCP.)

If your printer is not automatically assigned an IP address, verify that DHCP is enabled on the printer (`MENU SPECIAL PAGES - PRINT CONFIG PAGE`*). If it is not enabled, you can enable it in the* `MENU NETWORK - DHCP` *menu.*

1 Connect your printer to the network.

When using an Ethernet cable, plug the RJ45 connector into the Ethernet interface port of the printer.

2 Turn on your PC and printer.

3 When the printer's message window displays READY, print a configuration page to verify that the IP address is set.

Press this key . . .	(until) the message window displays . . .
	READY
* Menu Select ↵	MENU SPECIAL PAGES
* Menu Select ↵	PRINT CONFIG PAGE
* Menu Select ↵	CONFIG PAGE PRINT ?
* Menu Select ↵	CONFIG PAGE PRINTING

4 Install the printer driver and utilities.

If the printer cannot be connected to a DHCP server, an IP address within the range between 169.254.0.0 and 169.254.255.255 is automatically set.

Setting the Address Manually

You may also manually change the printer's IP address, subnet mask, and gateway by using the following instructions. (See Chapter 3 "Understanding the Ethernet Configuration Menus" for more information.)

When manually setting the IP address, turn off DHCP, BOOTP and ARP/PING first. In addition, when the IP address is changed, add a new port or reinstall the printer driver.

CAUTION

You should always notify your network's administrator before changing the printer's IP address.

1 Turn on your PC and printer.

2 When the printer's message window displays READY, set the IP address.

Press this key . . .	(until) the message window reads . . .
	READY
* Menu Select ↵	MENU SPECIAL PAGES
▽	MENU NETWORK
* Menu Select ↵	IP ADDRESS XXX.XXX.XXX.XXX
* Menu Select ↵	IP ADDRESS SET AUTO
▽	IP ADDRESS SET SPECIFY

Press this key . . .	(until) the message window reads . . .
* Menu Select ↵	IP ADDRESS 192.168.1.2
Use the ▷ and ◁ keys to move to each of the four number triplets. Use the △ and ▽ keys to increase or decrease each number.	
* Menu Select ↵	xxx.xxx.xxx.xxx IS SELECTED

3 If you don't set the subnet mask or gateway, go to step 5.

If you don't set the subnet mask, but you set the gateway, go to step 4.

If you set the subnet mask, follow these steps.

Press this key . . .	(until) the message window displays . . .
▽	SUBNET MASK 255.255.255.0
Use the ▷ and ◁ keys to move to each of the four number triplets. Use the △ and ▽ keys to increase or decrease each number.	
* Menu Select ↵	xxx.xxx.xxx.xxx IS SELECTED

4 If you don't set the gateway, go to step 5.

If you set the gateway, follow these steps.

Press this key . . .	**(until) the message window displays . . .**
▽	DEFAULT GATEWAY 192.168.1.1
Use the ▷ and ◁ keys to move to each of the four number triplets. Use the △ and ▽ keys to increase or decrease each number.	
* Menu Select ↵	xxx.xxx.xxx.xxx IS SELECTED

5 Save your configuration changes and make the printer ready for printing again.

Press this key . . .	**(until) the message window displays . . .**
Cancel	Press the Cancel key 4 times.

6 Print a configuration page to verify that the correct IP address, subnet mask, and gateway have been set.

Press this key . . .	(until) the message window displays . . .
	READY
* Menu Select ↵	MENU SPECIAL PAGES
* Menu Select ↵	PRINT CONFIG PAGE
* Menu Select ↵	CONFIG PAGE PRINT ?
* Menu Select ↵	CONFIG PAGE PRINTING

7 Install the printer driver and utilities.

Network Printing

Network printing terms are described below.

- Bonjour
- BOOTP
- DHCP
- HTTP
- IPP
- LPD/LPR
- SNMP
- Port9100

This chapter contains descriptions on the network printing terms and the IPP printing methods.

Bonjour

Macintosh network technology for automatically detecting devices connected to the network and for specifying settings. Previously called “Rendezvous”, the name was changed to “Bonjour” starting with Mac OS X v10.4.

BOOTP

BOOTP (Bootstrap Protocol) is an Internet protocol that enables a diskless workstation to discover (1) its own IP address, (2) the IP address of a BOOTP server on the network, and (3) a file that can be loaded into memory to boot the workstation. This enables the workstation to boot without requiring a hard or floppy disk drive.

DHCP

DHCP (Dynamic Host Configuration Protocol) is a protocol for assigning dynamic IP addresses to devices on a network. With dynamic addressing, a device can have a different IP address every time it connects to the network. In some systems, the device's IP address can even change while it is still connected. DHCP also supports a mix of static and dynamic IP addresses. Dynamic addressing simplifies network administration because the software keeps track of IP addresses rather than requiring an administrator to manage the task. This means that a new computer can be added to a network without the hassle of manually assigning it a unique IP address.

HTTP

HTTP (HyperText Transfer Protocol) is the underlying protocol used by the World Wide Web. It defines how messages are formatted and transmitted, and what actions web servers and browsers should take in response to various commands. For example, when you enter a URL in your browser, this actually sends an HTTP command to the Web server directing it to fetch and transmit the requested web page.

IPP

IPP (Internet Printing Protocol) is a protocol for end users' most common printing situations over the Internet. It allows users to find out about a printer's capabilities, submit print jobs to a printer, determine the status of the printer or print job, and cancel a previously submitted print job.

For more information on using IPP, See "Printing via IPP (Internet Printing Protocol)" on page 4-11.

LPD/LPR

LPD/LPR (Line Printer Daemon/Line Printer Request) is a platform-independent printing protocol that runs over TCP/IP. Originally implemented for BSD UNIX, its use has spread into the desktop world and is now an industry standard.

SNMP

SNMP (Simple Network Management Protocol) is actually a set of protocols for managing complex networks. SNMP works by sending messages to different parts of a network. SNMP-compliant devices, called agents, store data about themselves in Management Information Bases (MIBs) and return this data to the SNMP requesters.

Port 9100

When printing through a network, TCP/IP port number 9100 can be used to send raw data.

Printing via IPP (Internet Printing Protocol)

You must have administrator privileges in order to install the printer driver.

*If the User Account Control window appears when installing on Windows 7/Vista/Server 2008, click the **Allow** button or the **Continue** button.*

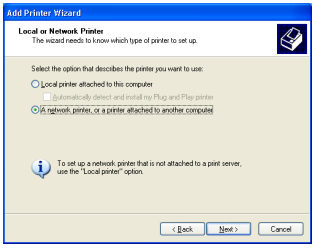
For IPP printing, specify the network setting. Refer to "Making the Connection" on page 4-3 and "IPP" on page 4-10.

Adding an IPP Port using Add Printer Wizard - Windows Server 2003/XP/2000

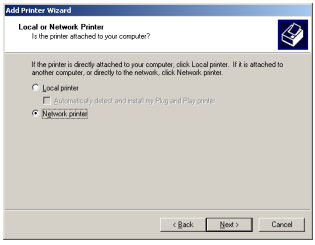
- For Windows Server 2003/XP: Click **Start**, select **Printers and Faxes**, and then click **Add a Printer**.
- For Windows 2000: Click **Start**, point to **Settings**, click **Printers**, and then click **Add Printer**.

1 In the second dialog box, select the **Network Printer** radio button, and then choose **Next**.

Windows Server 2003/XP


Add Printer Wizard
Local or Network Printer
The wizard needs to know which type of printer to set up.
Select the option that describes the printer you want to use:
Local printer attached to this computer
Automatically detect and install my Plug and Play printer
A network printer, or a printer attached to another computer
To set up a network printer that is not attached to a print server, use the "Local printer" option.
< Back
Next >
Cancel

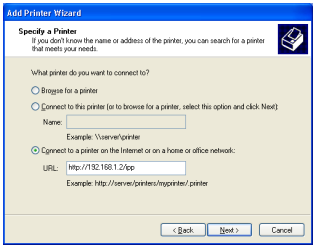
Windows 2000


Add Printer Wizard
Local or Network Printer
Is the printer attached to your computer?
If the printer is directly attached to your computer, click Local printer. If it is attached to another computer, or directly to the network, click Network printer.
Local printer
Automatically detect and install my Plug and Play printer
Network printer
< Back
Next >
Cancel

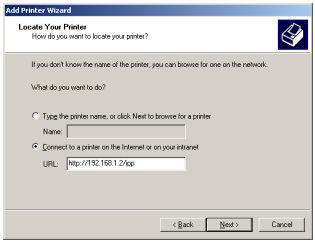
2 In the URL field in the next dialog box, enter the printer's network path-name in one of the following formats, and then choose **Next**:

- http://ipaddress/ipp
- ipp://ipaddress/ipp
- http://ipaddress:80/ipp
- http://ipaddress:631/ipp

Windows Server 2003/XP


Add Printer Wizard
Specify a Printer
If you don't know the name or address of the printer, you can search for a printer that meets your needs.
What printer do you want to connect to?
Browse for a printer
Connect to this printer (or to browse for a printer, select this option and click Next)
Name:
Example: \\server\printer
Connect to a printer on the Internet or on a home or office network:
URL:
http://192.168.1.2/ipp
Example: http://server/printers/myprinter/.printer
< Back
Next >
Cancel

Windows 2000


Add Printer Wizard
Locate Your Printer
How do you want to locate your printer?
If you don't know the name of the printer, you can browse for one on the network.
What do you want to do?
Type the printer name, or click Next to browse for a printer
Name:
Connect to a printer on the Internet or on your intranet
URL:
http://192.168.1.2/ipp
< Back
Next >
Cancel

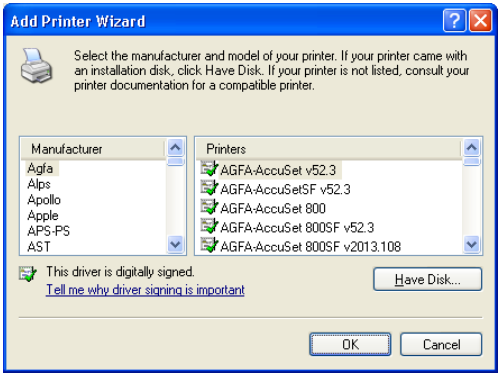
If your system cannot connect to the printer, the following message appears:

- **Windows Server 2003/XP—**"Windows cannot connect to the printer. Either the printer name was typed incorrectly, or the specified printer has lost its connection to the server. For more information, click **Help**."
- **Windows 2000**—"Could not connect to the printer. You either entered a printer name that was incorrect or the specified printer is no longer connected to the server. Click **Help** for more information."

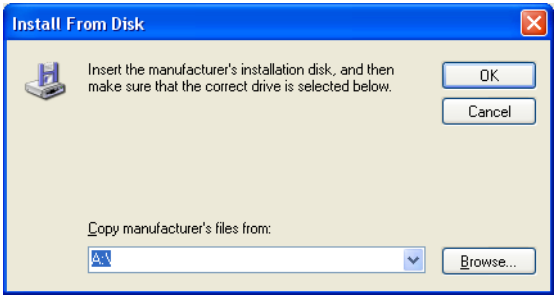
3 **Windows Server 2003/XP**—Go to step 4.

Windows 2000—If you entered a valid path in the previous step, the following message displays: "The server on which the KONICA MINOLTA magicolor 3730 printer resides does not have the correct printer driver installed. If you want to install the driver on your local computer, click **OK**." The reason for this is that you do not yet have a printer driver installed. Choose **OK**.

4 Choose **Have Disk**.



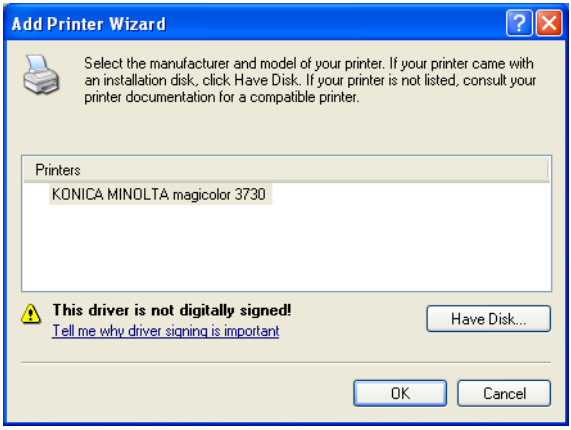
5 Choose **Browse**.



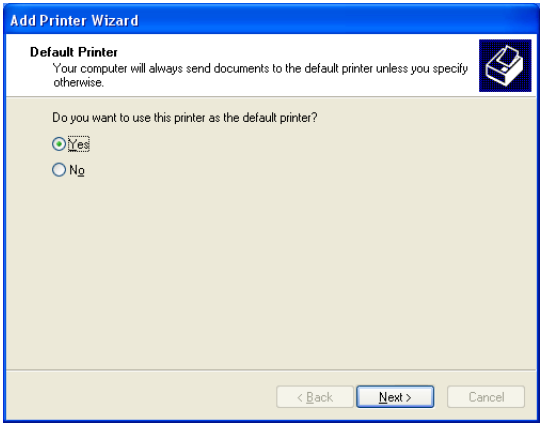
6 Locate the directory on the CD/DVD where the printer driver files are located (for example: Driver\Windows\English\WIN32), and then click **Open**.

7 Click **OK**.

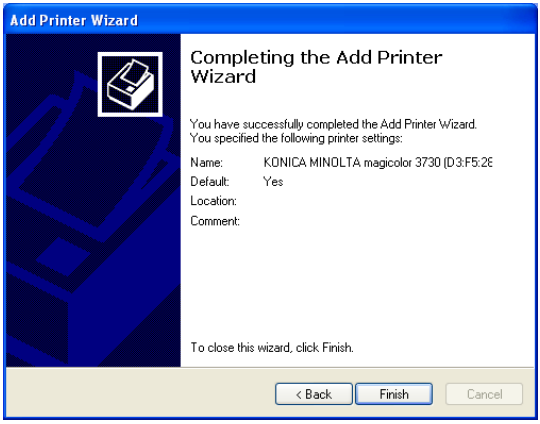
8 Click **OK**.


Add Printer Wizard
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.
Printers
KONICA MINOLTA magicolor 3730
This driver is not digitally signed!
Tell me why driver signing is important
Have Disk...
OK
Cancel

9 Select whether the printer is to be used as the default printer, and then click **Next**.


Add Printer Wizard
Default Printer
Your computer will always send documents to the default printer unless you specify otherwise.
Do you want to use this printer as the default printer?
Yes
No
< Back
Next >
Cancel

10 Click **Finish**.



Adding an IPP Port using Add Printer Wizard - Windows 7/Vista/Server 2008

When using Windows Server 2008, settings must be specified in the operating system before the printer driver is installed. If Windows 7/Vista is being used, begin with step 6.

1 Click the **Start** button.

2 Point to **Administrative Tools**, and then click **Server Manager**.

*If the User Account Control dialog box appears, click **Continue** button.*

3 In the Server Manager main window, click **Add Features** in the Features Summary section.

4 Select the **Internet Printing Client** check box to install the feature.

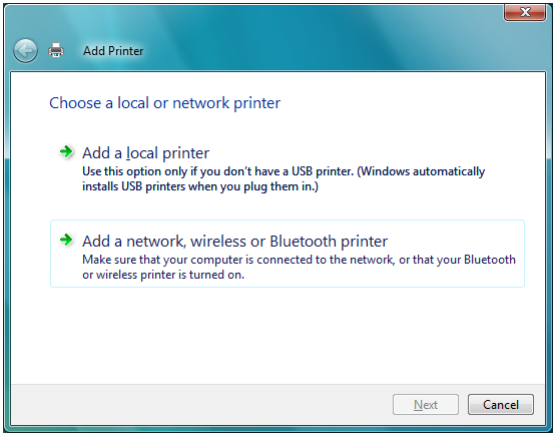
5 Restart the computer.

6 Click **Start**, click **Control Panel**, and then click **Printers under Hardware and Sound**.

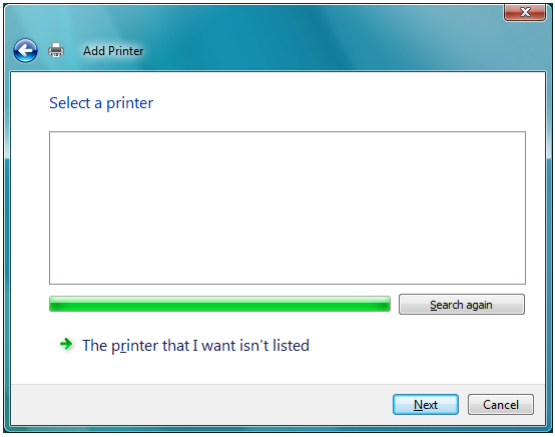
*When using Windows 7, click **View devices and printers under Hardware and Sound**.*

7 Click **Add a printer**.

8 In the dialog box click **Add a network, wireless or Bluetooth printer**.

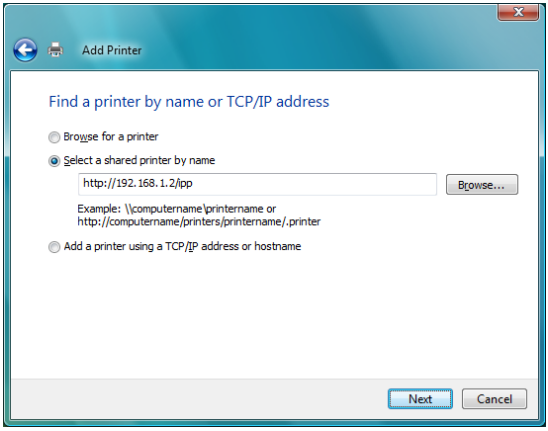

Add Printer
Choose a local or network printer
Add a local printer
Use this option only if you don't have a USB printer. (Windows automatically installs USB printers when you plug them in.)
Add a network, wireless or Bluetooth printer
Make sure that your computer is connected to the network, or that your Bluetooth or wireless printer is turned on.
Next
Cancel

9 In the dialog box, click **The printer that I want isn't listed**.



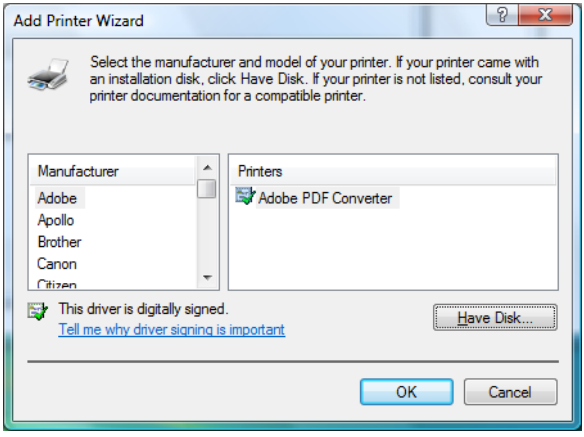
10 In the URL field in the next dialog box enter the printer's network path-name in one of the following formats and then choose **Next**:

- http://ipaddress/ipp
- ipp://ipaddress/ipp
- http://ipaddress:80/ipp
- http://ipaddress:631/ipp

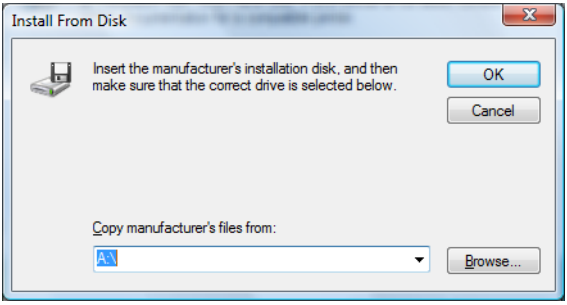


If your system cannot connect to the machine, the following message appears: "Windows cannot connect to the printer. Make sure that you have typed the name correctly, and that the printer is connected to network."

11 Click **Have Disk**.


Add Printer Wizard
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.
Manufacturer
Adobe
Apollo
Brother
Canon
Printers
Adobe PDF Converter
This driver is digitally signed.
Tell me why driver signing is important
Have Disk...
OK
Cancel

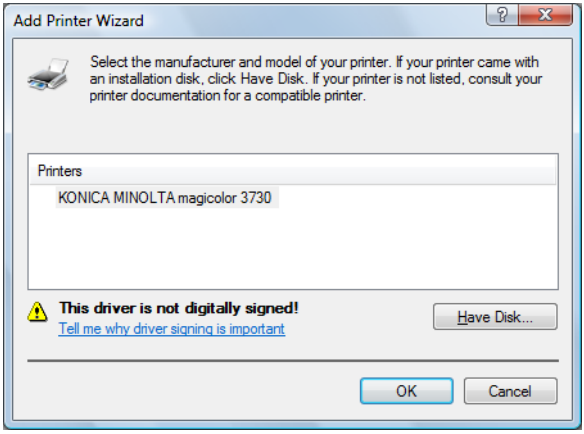
12 Click **Browse**.



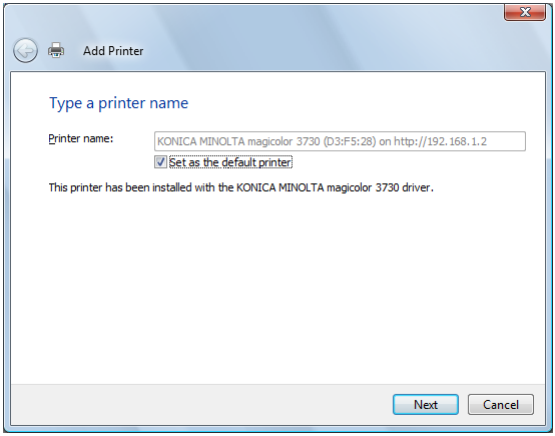
13 Locate the directory on the CD/DVD where the printer driver files are located (for example: Driver\Windows\English\WIN32), and then click **Open**.

14 Click **OK**.

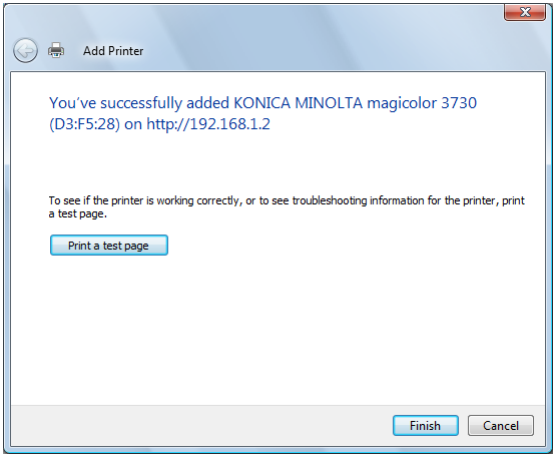
15 Click **OK**.


Add Printer Wizard
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for a compatible printer.
Printers
KONICA MINOLTA magicolor 3730
This driver is not digitally signed!
Tell me why driver signing is important
Have Disk...
OK
Cancel

16 Click **Next**.


Add Printer
Type a printer name
Printer name:
KONICA MINOLTA magicolor 3730 (D3:F5:28) on http://192.168.1.2
Set as the default printer
This printer has been installed with the KONICA MINOLTA magicolor 3730 driver.
Next
Cancel

17 Click **Finish**.


Add Printer
You've successfully added KONICA MINOLTA magicolor 3730 (D3:F5:28) on http://192.168.1.2
To see if the printer is working correctly, or to see troubleshooting information for the printer, print a test page.
Print a test page
Finish
Cancel

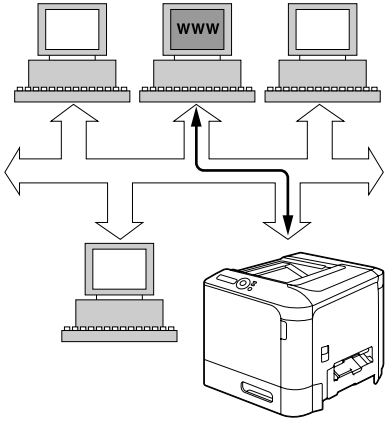
Symptom	Action
Some client functions are not available with the Point and Print feature when the server is running Windows 7/Vista/Server 2008/XP/ Server 2003/2000 and the client computer is running Windows 7/Vista/Server 2008/XP/Server 2003/ 2000.	Install the printer driver directly on the client computer.

5 Using PageScope Web Connection

About PageScope Web Connection

This chapter provides information on PageScope Web Connection, an HTTP (HyperText Transfer Protocol)-based web page that resides in your printer and that you can access using your Web browser.

This page gives you instant access to printer status and the most frequently used printer configuration options. Anyone on your network can access the printer using their web browser software. In addition, with the proper password, you can change the configuration of the printer without leaving your PC.



Users who are not given passwords by the administrator can still view the configuration settings and options but are not able to save or apply changes.

Display Language

The language used in the PageScope Web Connection screens is specified from the printer's control panel. For details on specifying the display language, refer to the User's Guide (CD/DVD) provided with the printer.

In addition, the language can be selected from the **Language** drop-down list in PageScope Web Connection. For details, refer to "Language Setting" on page 5-9.

Requirements

To use PageScope Web Connection, the following is required:

- Windows Server 2008/Server 2003/Vista/XP/2000/7
  Mac OS X 10.2.8/10.3/10.4/10.5/10.6
- Microsoft Internet Explorer version 6.0 or later
  Mozilla Firefox version 3.0 or later

  You do not need an Internet connection.
- TCP/IP communication software (used by PageScope Web Connection) installed on your PC
- A network, to which both your PC and the printer are connected

You cannot access PageScope Web Connection using a local (USB) connection.

Setting Up the Printer Web Page

Setting up the printer web page to run on your network involves two basic steps:

- Determining the name or address of your printer
- Setting up the “no proxy” preferences in your browser software

Determining the Printer Name

The printer web page can be accessed in two ways:

The printer names can also be determined via WINS if the network supports it.

- Through the assigned name of the printer—This name comes from the IP host table (the filename is **hosts**) on the computer system and is usually assigned by the system administrator (for example, magicolor 3730). It may be more convenient for you to use the printer name than the IP address.

  Location of the Host Table on the PC

  - Windows Server 2008/Server 2003/XP/Vista/7 \windows\system32\drivers\etc\hosts
  - Windows 2000\ winnt\system32\drivers\etc\hosts

- Through the printer’s IP address—The IP address of your printer is a unique number and, therefore, may be the preferred identification to enter, especially if you have more printers active in your network. The printer’s IP address is listed on the configuration page.

  Location of the Configuration Page in the Printer’s Configuration Menu

  - `SPECIAL PAGES - PRINT CONFIG PAGE` menu

Setting Up Your Browser Software

Since your printer resides on your intranet and is not accessible beyond the firewall of your network, you must set up the proper “preferences” in your browser software. Your printer name or IP address must be added to the “no proxy” list in the preferences dialog box of the browser.

You need to do this procedure only once.

The sample screens below may be different from yours depending on software versions and operating systems in use.

Our examples represent the IP address of the printer with: xxx.xxx.xxx.xxx. Always enter your printer's IP address without leading zeros. For example, 192.168.001.002 should be entered as 192.168.1.2.

Internet Explorer (version 6.0 for Windows)

1 Start Internet Explorer.

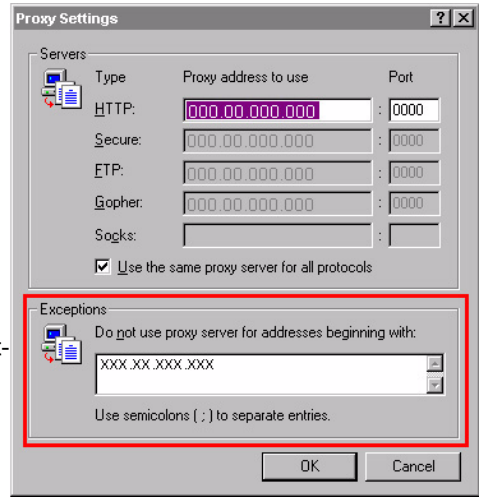
2 From the **Tools** menu choose **Internet Options**.

3 Select the **Connections** tab on the dialog box.

4 Choose the **LAN Settings** button to display the Local Area Network (LAN) Settings dialog box.

5 Select **Advanced** in Proxy server to open the Proxy Settings dialog box.

6 In the **Exceptions** text box, type a comma after the last entry and then type the printer name or the IP address of your printer.



7 Choose **OK** three times to return to the main browser window.

8 Enter the printer's IP address in the URL Address box to access the printer home page.

Mozilla Firefox (version 3.5 for Mac OS X 10.5)

1 Start Mozilla Firefox.

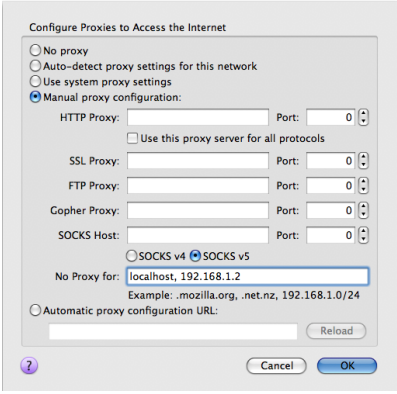
2 From the **Firefox** menu choose **Preferences**.

3 Click **Advanced** at the top of the dialog box.

4 Click the **Network** tab.

5 In the **Connection** section, click **Settings**.
The Connection Settings dialog box appears.

6 Select the **Manual proxy configuration** radio button.



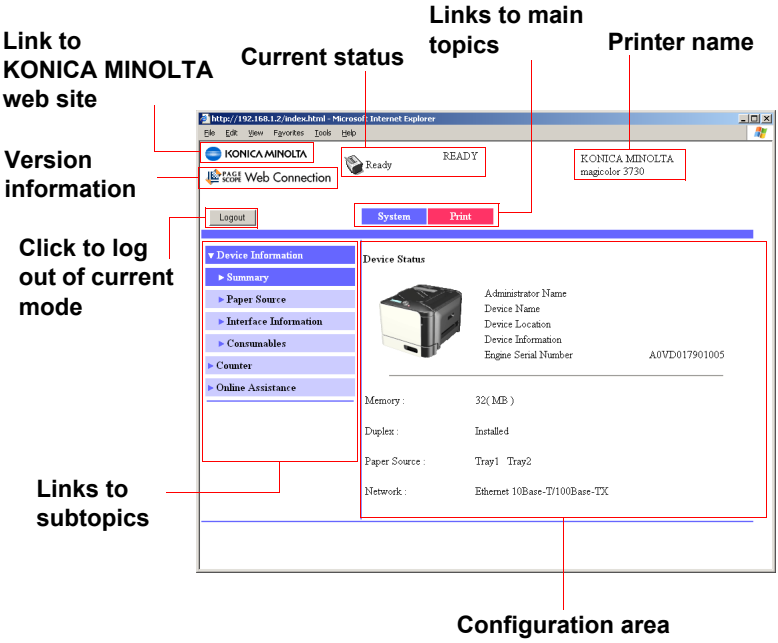
7 In the **No Proxy for**: text box, type a comma after the last entry, and then type the printer name or the IP address of your printer.

8 Click **OK** in the two dialog boxes to return to the main browser window.

9 Enter the printer name or IP address in the URL Location box to access the printer home page.

Understanding the PageScope Web Connection Window

The illustration below identifies the navigation and configuration areas of the windows that you see in PageScope Web Connection windows.



Navigation

Selecting the main topic and subtopic displays the configuration area for the printer options (parameters) associated with your selections.

To change a current setting, click on the current setting and then select from the available choices or enter the new value.

In order to apply or save any changes made to the configuration settings, PageScope Web Connection must be logged in from Administrator Mode. (For details, refer to "Administrator Mode" on page 5-10.)

Current Status

The current status of the printer is displayed at the top of all PageScope Web Connection windows. The icon displays the type of status being displayed.

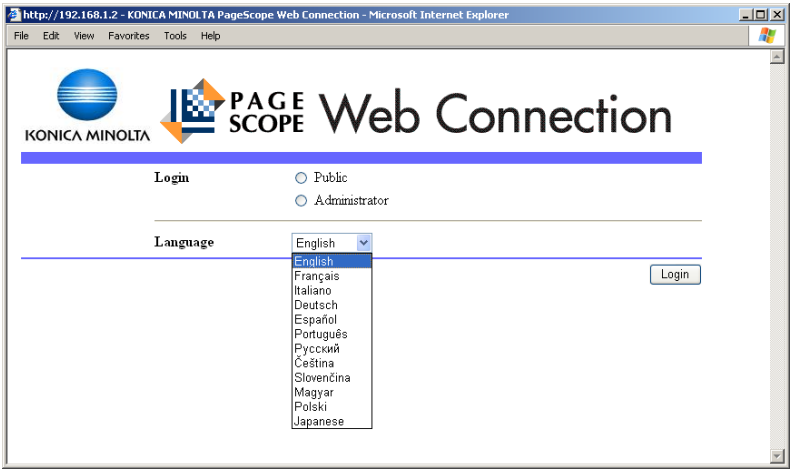
Icon	Status	Description	Examples
	Ready	The printer is online and either ready to print or printing.	READY WARMING UP PRINTING
	Warning	The printer needs attention, but printing continues.	TRAY 2 EMPTY C TONER LOW
	Error	The printer needs attention before printing can resume.	MEDIA JAM TRAY2
	Fatal	The printer must be rebooted. If that doesn't fix the error, service is required.	FATAL ERROR CODE: XXXXX

Logging on to PageScope Web Connection

Multiple clients can log on to PageScope Web Connection at the same time. These can be logged on as Public User or Administrator. However, no more than one Administrator at a time can be logged on as Administrator.

Language Setting

If necessary, the display language used for Web Connection can be changed.



Public User Mode

In Public User Mode, you can view configuration settings but not change them.

1 Select **Public**.

2 Click the **Login** button.

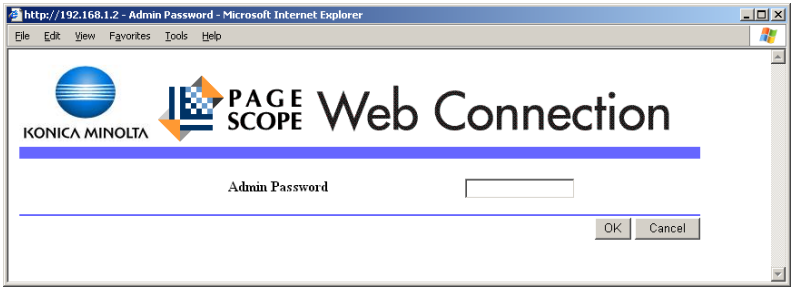
Administrator Mode

In order to change any configuration settings through PageScope Web Connection, you must first enter Administrator Mode.

1 Select **Administrator**.

2 Click the **Login** button.

3 Type the password in the **Admin Password** text box.



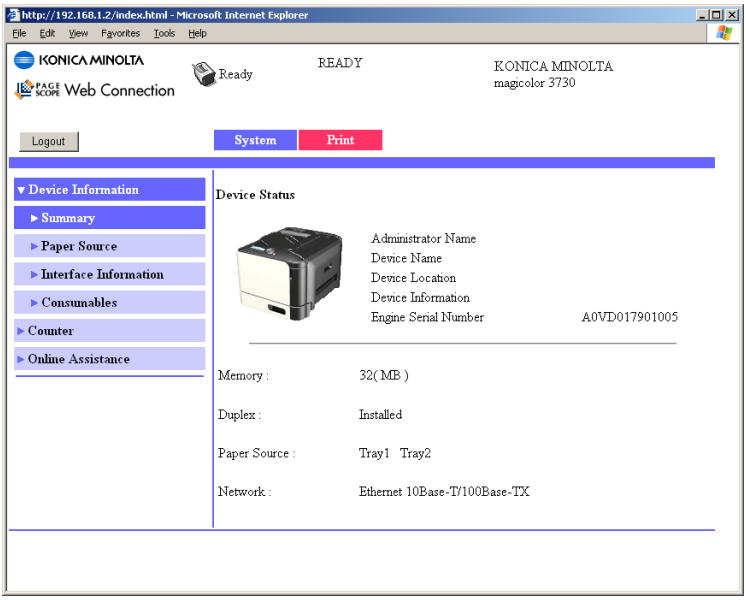
*Default password is set to "administrator"; however, once you have logged on in Administrator Mode, the password can be specified in the **System - Admin Password** window.*

4 Click **OK** button.

Viewing Printer Status

System Page

From this page, printer information, counters and support information can be viewed.



All of the information displayed on the System page is read only.

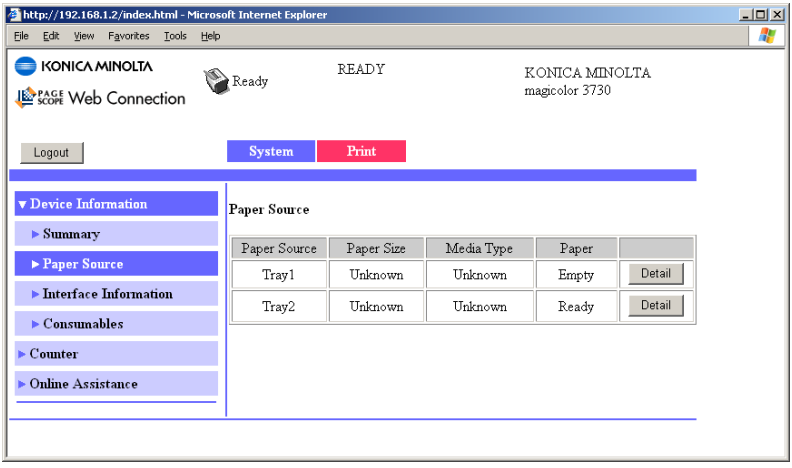
Device Information

Summary (previous page)

The **System - Device Information - Summary** window provides the following information.

Item	Description
Memory	Displays the amount of memory installed in the printer.
Duplex	"Installed" is displayed.
Paper Source	Identifies the paper feed units installed on the printer.
Network	Lists the installed printer interface (Ethernet 10Base-T/100Base-TX).

Paper Source

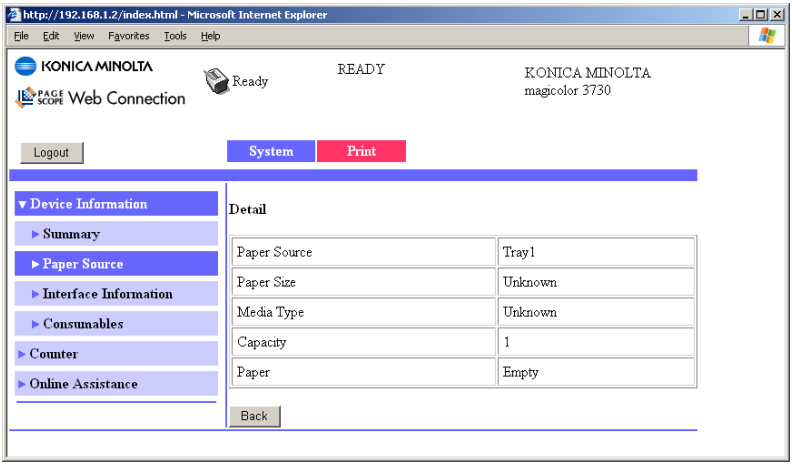


The **System - Device Information - Paper Source** window provides the following information.

Item	Description
Paper Source	Identifies the paper feed units Tray 1/2 installed on the printer.
Paper Size	Indicates the size of paper loaded in a specific tray.
Media Type	Indicates the type of paper loaded in a specific tray.

Item	Description
Paper	Indicates the paper status (“Ready” or “Empty”) for each tray.
Detail button	Displays detailed information about the paper trays.

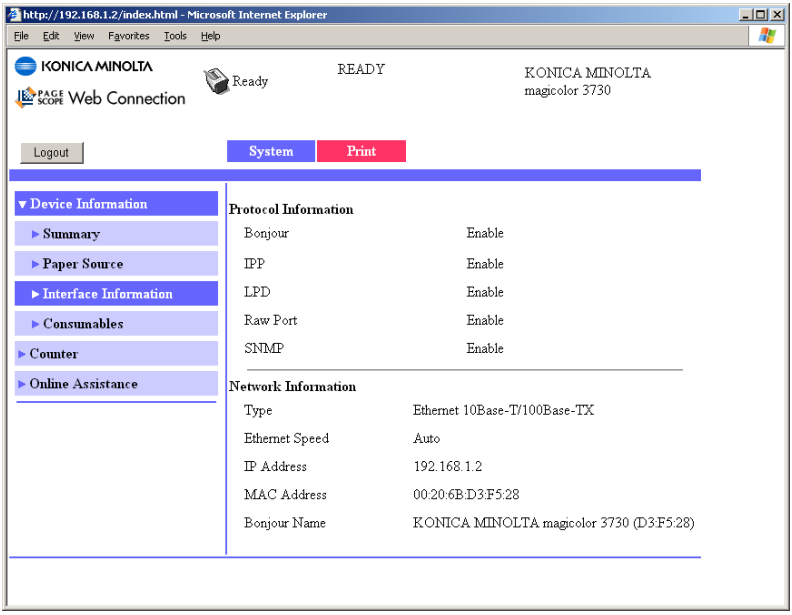
Paper Source (Detail)



The **System - Device Information - Paper Source - Detail** window provides the following information.

Item	Description
Paper Source	Displays the names of the paper trays.
Paper Size	Displays the paper sizes.
Media Type	Displays the paper types.
Capacity	Displays the maximum capacity for each paper tray.
Paper	Displays the amount of paper remaining.
Back button	Returns to the previous screen.

Interface Information

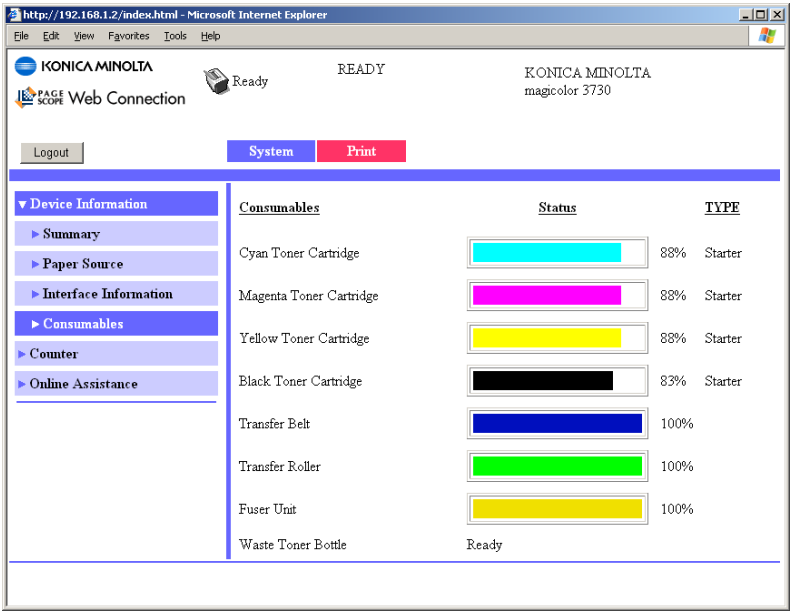


The **System - Device Information - Interface Information** window provides the following information.

Item		Description
Protocol Information	Bonjour	If **Enable** is displayed, Bonjour is enabled. If **Disable** is displayed, Bonjour is disabled.
	IPP	If **Enable** is displayed, IPP is enabled. If **Disable** is selected, IPP is disabled.
	LPD	If **Enable** is displayed, LPD is enabled. If **Disable** is selected, LPD is disabled.
	RAW Port	**Enable** is displayed.
	SNMP	If **Enable** is displayed, SNMP is enabled. If **Disable** is selected, SNMP is disabled.
Network Information	Type	Identifies the type of network interface installed on the printer (Ethernet 10Base-T/100Base-TX).

Item		Description
	Ethernet Speed	Indicates the transmission speed for the network and the transmission method for bidirectional transmission.
	IP Address	Identifies the IP (Internet Protocol) address of the Ethernet interface.
	MAC Address	Identifies the Media Access Control (MAC) address of the Ethernet interface.
	Bonjour Name	Displays the Bonjour name for the printer.

Consumables

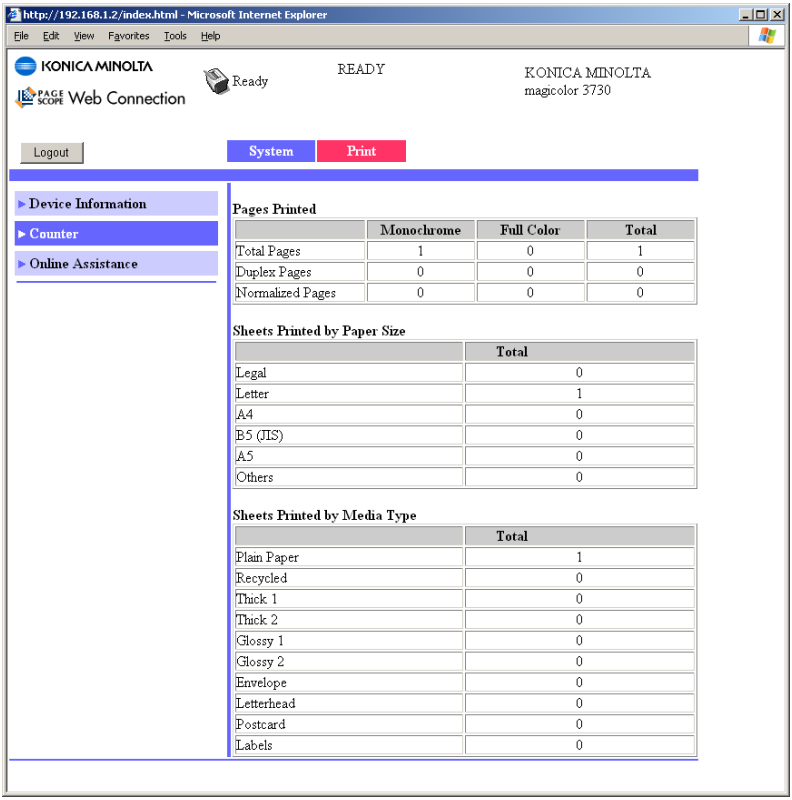


The **System - Device Information - Consumables** window provides the following information.

Item	Description
Consumables	Identifies the type of consumable that is being monitored.

Item	Description
Status	Indicates the remaining life of the consumables. ■ Toner Cartridge, Transfer Belt, Transfer Roller, Fuser Unit: Percentage ■ Waste Toner Bottle: Ready, Near Full, or Full
TYPE	Identifies the type of Toner Cartridge. ■ Starter, Standard, High

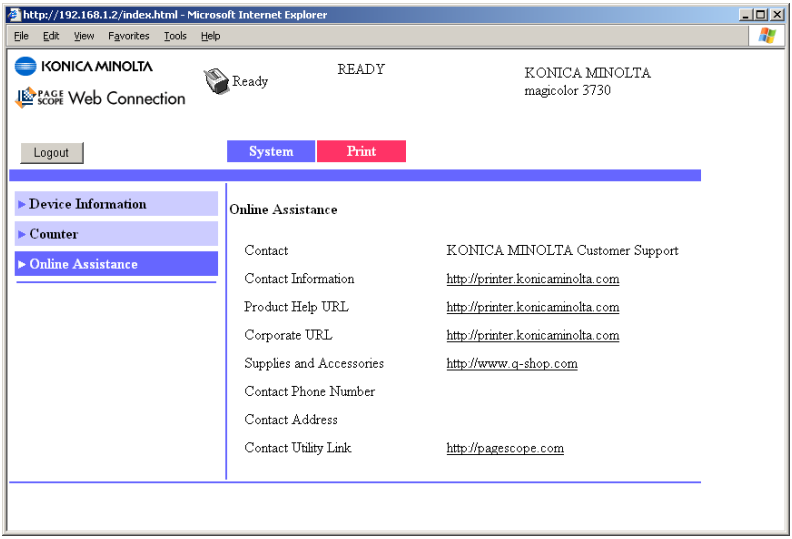
Counter



The **System - Counter** window provides the following information.

Item	Description
Pages Printed	Indicates the number of prints.
Sheets Printed by Paper Size	Indicates the number of prints grouped by Paper Size.
Sheets Printed by Media Type	Indicates the number of prints grouped by Paper Type.

Online Assistance

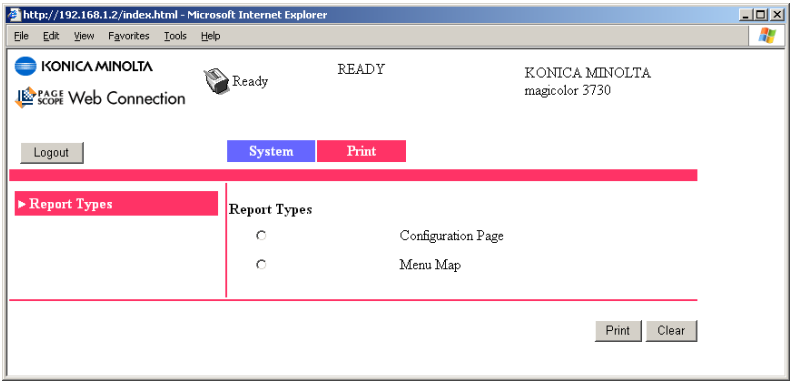


The **System - Online Assistance** window provides the following information.

Item	Description
Contact	Displays the organization that provides assistance with the printer.
Contact Information	Displays the web address for assistance.
Product Help URL	Displays the web address for assistance.
Corporate URL	Displays the KONICA MINOLTA web address.
Supplies and Accessories	Displays the web address where you can order printer supplies and accessories.
Contact Phone Number	Displays the telephone number of the printer administrator.
Contact Address	Displays the e-mail address for support.
Contact Utility Link	Displays a link to the Printer Management Utilities.

Print Page

From this page, reports can be printed.



Report Types (shown above)

The **Print - Report Types** window provides the following information.

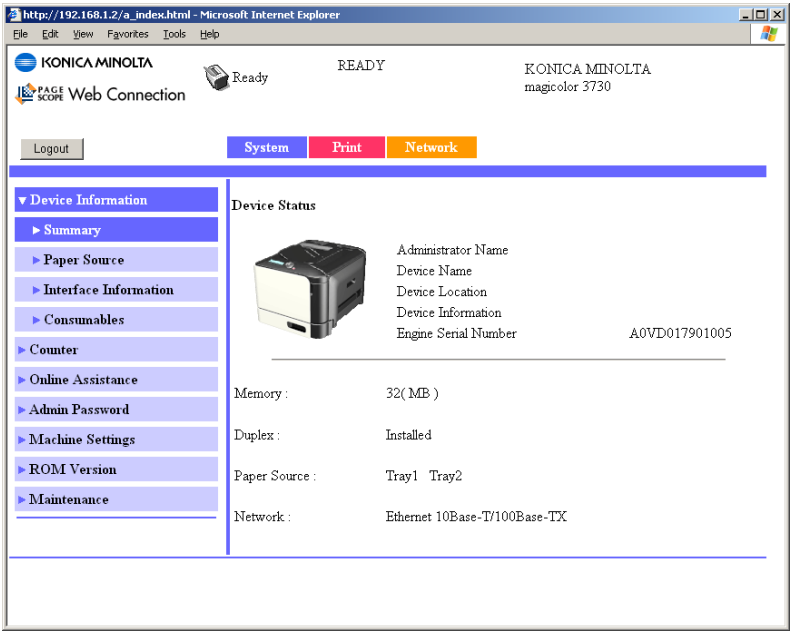
Item	Description
Configuration Page	Prints the printer configuration page.
Menu Map	Prints the menu map.
Print button	Sends the page to the printer.
Clear button	Cancels the selected settings.

Configuring the Printer

In order to make any configuration changes through PageScope Web Connection, you must first enter Administrator Mode. See “Administrator Mode” on page 5-10. for instructions on logging into Administrator Mode.

System Page

From this page, printer information can be viewed and machine settings can be specified.



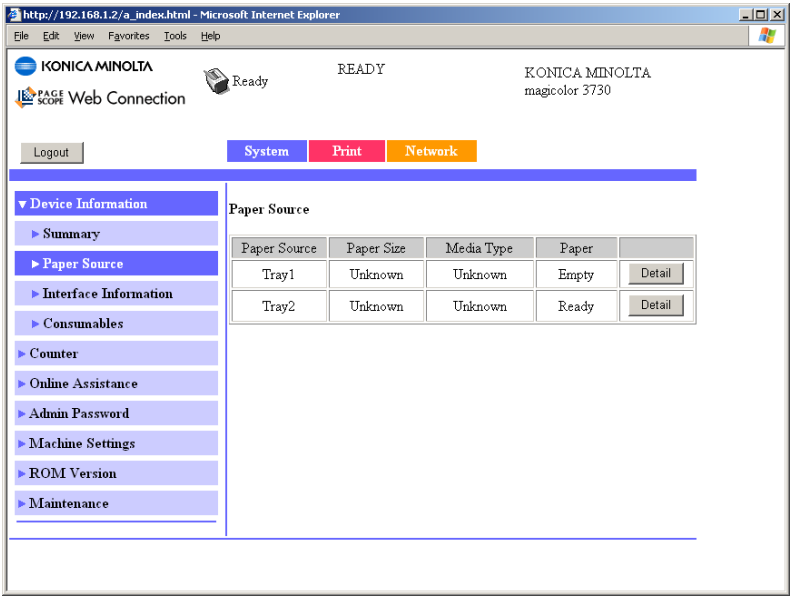
Device Information

Summary (previous page)

The **System - Device Information - Summary** window provides the following information.

Item	Description
Memory	Displays the amount of memory installed in the printer.
Duplex	"Installed" is displayed.
Paper Source	Identifies the paper feed units installed on the printer.
Network	Lists the installed printer interface (Ethernet 10Base-T/100Base-TX).

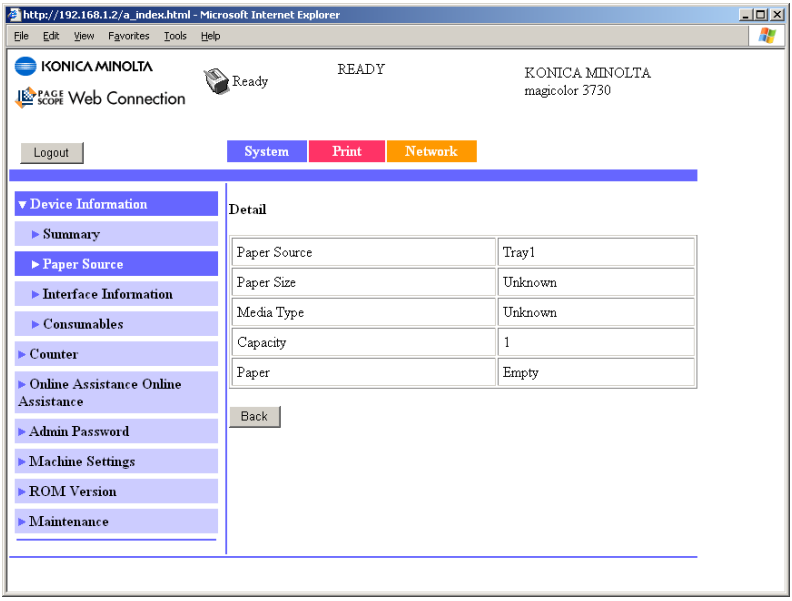
Paper Source



The **System - Device Information - Paper Source** window provides the following information.

Item	Description
Paper Source	Identifies the paper feed units Tray 1/2 installed on the printer.
Paper Size	Indicates the size of paper loaded in a specific tray.
Media Type	Indicates the type of paper loaded in a specific tray.
Paper	Indicates the paper status (“Ready” or “Empty”) for each tray.
Detail button	Displays detailed information about the paper trays.

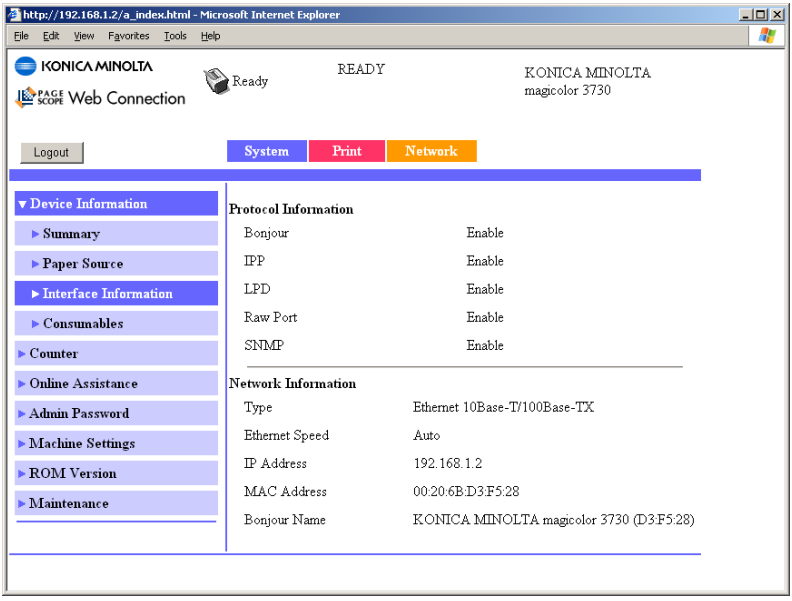
Paper Source (Detail)



The **System - Device Information - Paper Source - Detail** window provides the following information.

Item	Description
Paper Source	Displays the names of the paper trays.
Paper Size	Displays the paper sizes.
Media Type	Displays the paper types.
Capacity	Displays the maximum capacity for each paper tray.
Paper	Displays the amount of paper remaining.
Back button	Returns to the previous screen.

Interface Information

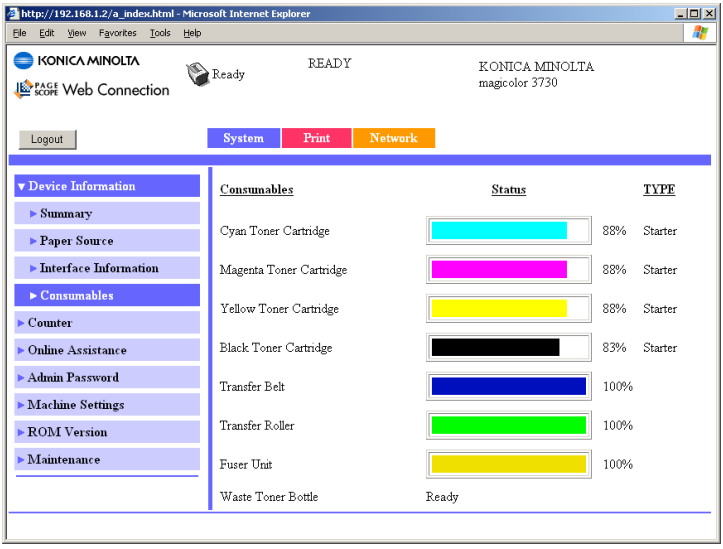


The **System - Device Information - Interface Information** window provides the following information.

Item		Description
Protocol Information	Bonjour	If **Enable** is displayed, Bonjour is enabled. If **Disable** is displayed, Bonjour is disabled.
	IPP	If **Enable** is displayed, IPP is enabled. If **Disable** is selected, IPP is disabled.
	LPD	If **Enable** is displayed, LPD is enabled. If **Disable** is selected, LPD is disabled.
	RAW Port	**Enable** is displayed.
	SNMP	If **Enable** is displayed, SNMP is enabled. If **Disable** is selected, SNMP is disabled.
Network Information	Type	Identifies the type of network interface installed on the printer (Ethernet 10Base-T/100Base-TX).

Item		Description
	Ethernet Speed	Indicates the transmission speed for the network and the transmission method for bidirectional transmission.
	IP Address	Identifies the IP (Internet Protocol) address of the Ethernet interface.
	MAC Address	Identifies the Media Access Control (MAC) address of the Ethernet interface.
	Bonjour Name	Displays the Bonjour name for the printer.

Consumables

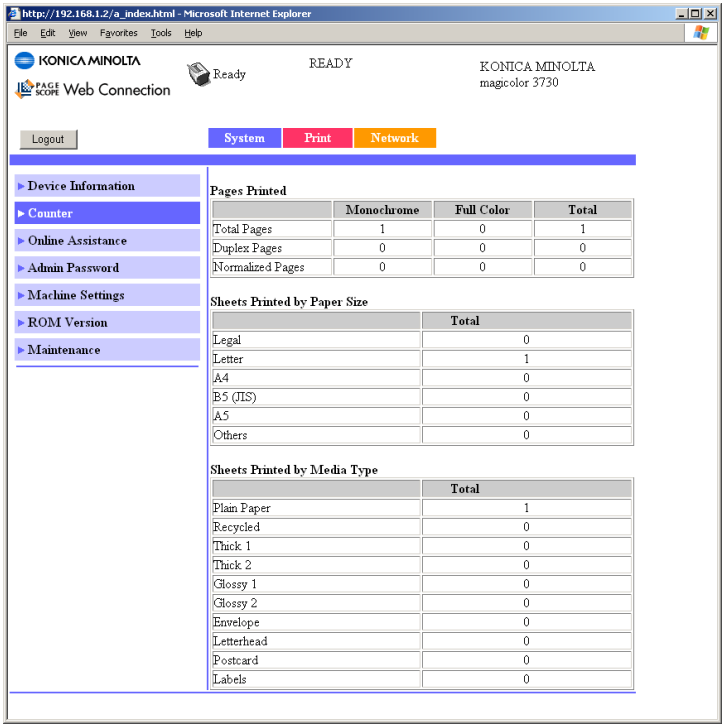


The **System - Device Information - Consumables** window provides the following information.

Item	Description
Consumables	Identifies the type of consumable that is being monitored.
Status	Indicates the remaining life of the consumables. ■ Toner Cartridge, Transfer Belt, Transfer Roller, Fuser Unit: Percentage ■ Waste Toner Bottle: Ready, Near Full, or Full

Item	Description
TYPE	Identifies the type of Toner Cartridge. ■ Starter, Standard, High

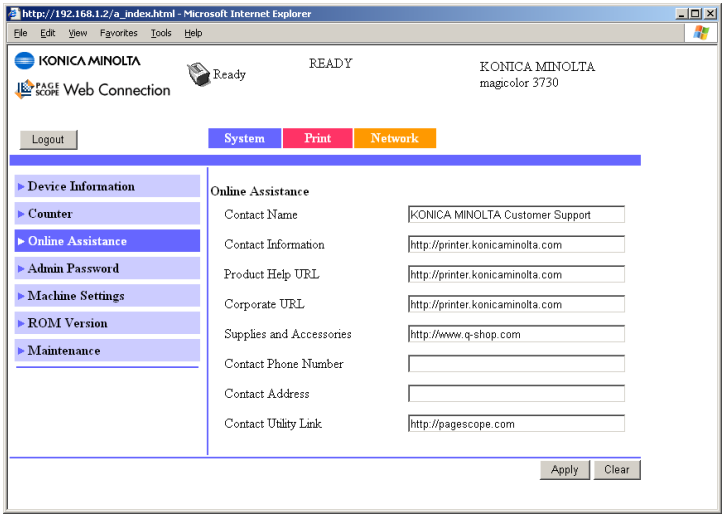
Counter



The **System - Counter** window provides the following information.

Item	Description
Pages Printed	Indicates the number of prints.
Sheets Printed by Paper Size	Indicates the number of prints grouped by Paper Size.
Sheets Printed by Media Type	Indicates the number of prints grouped by Paper Type.

Online Assistance

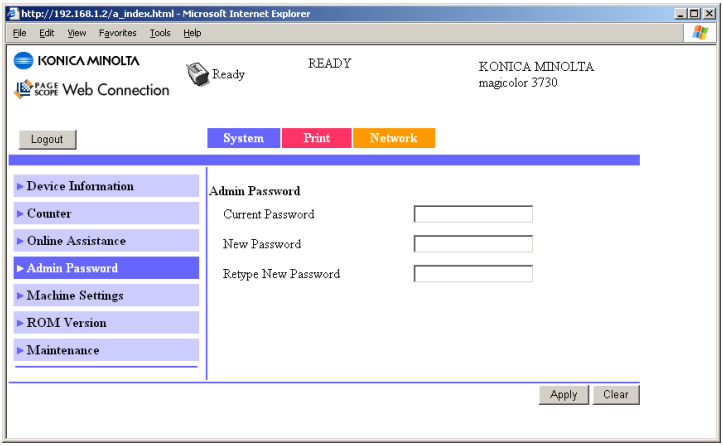


The **System - Online Assistance** window allows you to configure the following items.

Item	Description
Contact Name	Sets the name of the person or organization responsible for providing assistance with the printer. Range: Up to 63 characters Default: KONICA MINOLTA Customer Support
Contact Information	Sets the web site for printer assistance. Range: Up to 127 characters Default: http://printer.konicaminolta.com
Product Help URL	Sets the help web site address for printer assistance. Range: Up to 127 characters Default: http://printer.konicaminolta.com
Corporate URL	Sets the KONICA MINOLTA corporate web site address. Range: Up to 127 characters Default: http://printer.konicaminolta.com

Item	Description
Supplies and Accessories	Sets the web address where you can purchase printer supplies and accessories. Range: Up to 127 characters Default: http://www.q-shop.com
Contact Phone Number	Specifies the telephone number of the printer administrator. Range: Up to 31 characters Default: [Blank]
Contact Address	Specifies the address of the printer administrator. Range: Up to 320 characters Default: [Blank]
Contact Utility Link	Specifies the link to the Printer Management Utilities. Range: Up to 127 characters Default: http://pagescope.com
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Admin Password

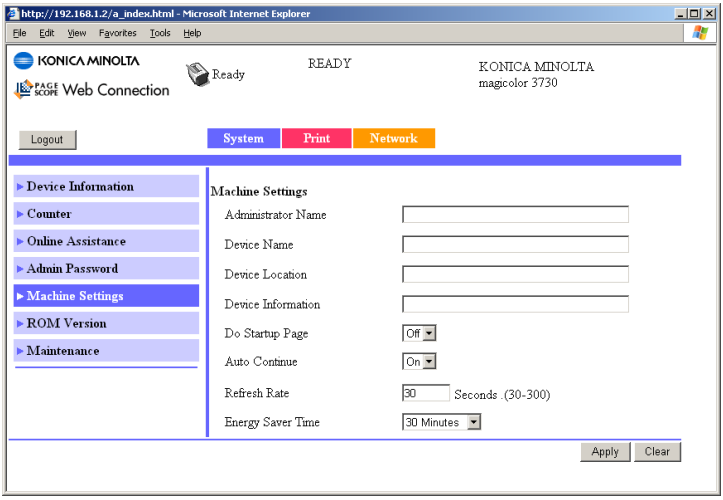


The **System - Admin Password** window allows you to configure the following items:

Item	Description
Current Password	Type in the current password. Range: Up to 16 characters Default: [Blank]
New Password	Sets a new password to enter Administrator Mode. Range: Up to 16 characters Default: [Blank] *Passwords can be set to any string of numbers and letters (uppercase and lowercase) up to 16 characters in length.*
Retype New Password	Verifies the new password typed in the **New Password** text box. Range: Up to 16 characters Default: [Blank] *If the password typed in three text boxes doesn't match, the following message displays when you choose the **Apply** button: "Password was changed unsuccessfully. Please retry."*
Apply button	Applies the configuration settings for this window.

Item	Description
Clear button	Resets all configuration settings to previous values.

Machine Settings

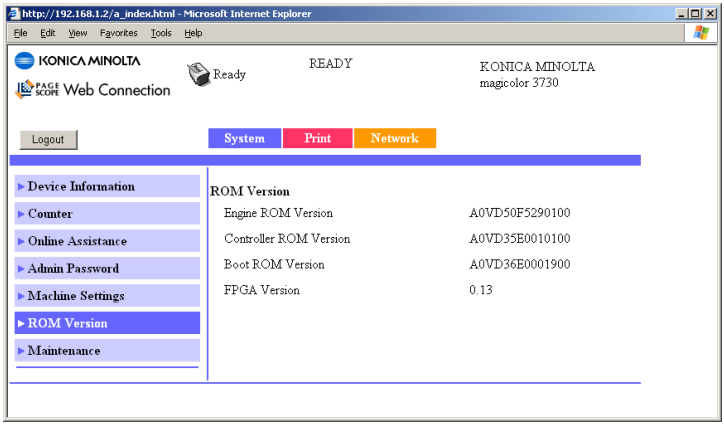


The **System - Machine Settings** window allows you to configure the following items:

Item	Description
Administrator Name	Specifies the name of the administrator for the printer. Range: Up to 127 characters Default: [Blank]
Device Name	Specifies the name of the printer. Range: Up to 127 characters Default: [Blank]
Device Location	Specifies the setup location for the printer. Range: Up to 127 characters Default: [Blank]
Device Information	Specifies the information for the printer. Range: Up to 127 characters Default: [Blank]

Item	Description
Do Startup Page	Selects whether or not a startup page is printed when the printer is turned on. Choices: On, Off Default: Off
Auto Continue	Selects whether or not printing continues if the size or type of paper in the selected paper tray is different from the size or type of paper for the print job. Choices: On, Off Default: On Configuration Menu Equivalent: `ENGINE - AUTO CONTINUE`
Refresh Rate	Sets the time interval (in seconds) that passes before the screen automatically updates. During a screen refresh, the machine is polled for any new information or status, and all of the fields in the PageScope Web Connection windows are updated. Range: 30 - 300 Default: 30
Energy Saver Time	Specifies the length of time until the machine enters Energy Saver mode. Choices: 15 Minutes, 30 Minutes, 60 Minutes, 120 Minutes, OFF Default: 30 Minutes Configuration Menu Equivalent: `ENGINE - ENERGY SAVER` *Depending on the settings specified by the service representative, **OFF** may appear.*
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

ROM Version

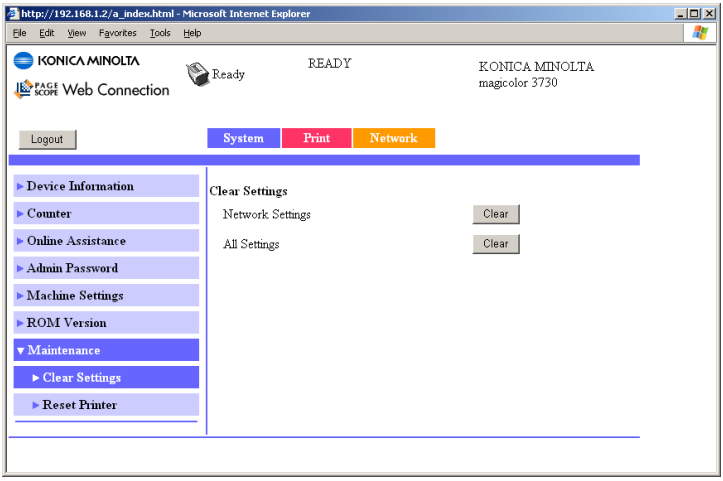


The **System - ROM Version** window provides the following information.

Item	Description
Engine ROM Version	Displays the ROM version of the printer engine. Configuration Menu Equivalent: `ENGINE - ENGINE SERVICE - ENGINE VER.`
Controller ROM Version	Displays the ROM version of the printer controller. Configuration Menu Equivalent: `ENGINE - ENGINE SERVICE - CONTROLLER VER.`
Boot ROM Version	Displays the ROM version of the Boot ROM. Configuration Menu Equivalent: `ENGINE - ENGINE SERVICE - BOOT VER.`
FPGA Version	Displays the FPGA version. Configuration Menu Equivalent: `ENGINE - ENGINE SERVICE - FPGA VER.`

Maintenance

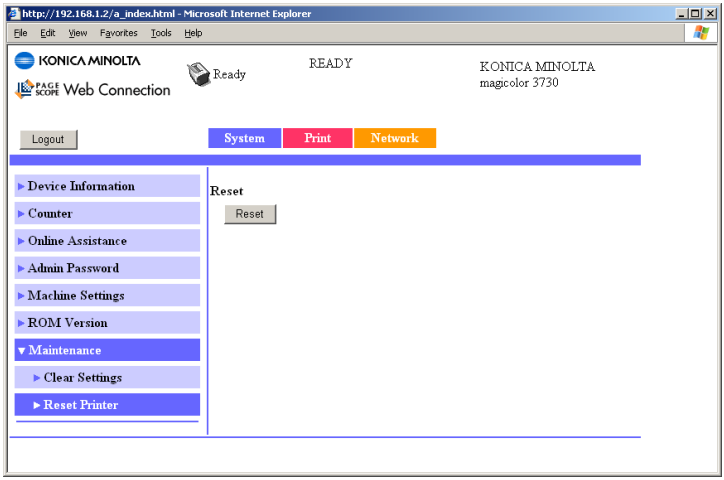
Clear Settings



The **System - Maintenance - Clear Settings** page allows you to reset the printer settings to its factory defaults.

Item	Description
Network Settings	Resets the network settings to their defaults.
All Settings	Resets all settings to their defaults.
Clear button	When clicked, the message “Is it OK to restore Factory Defaults?” appears. Click **OK** to automatically restart the printer and return the settings to their default values.

Reset Printer



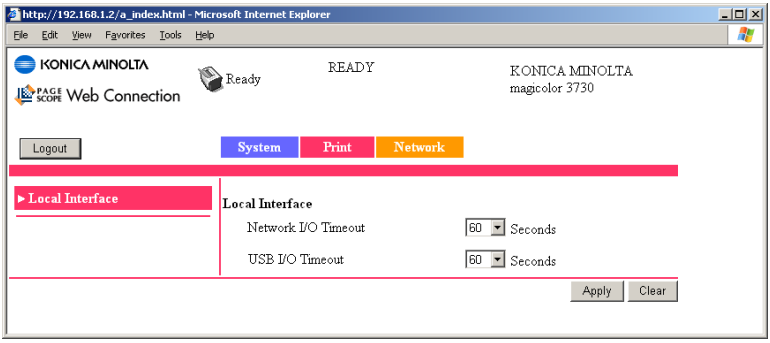
The **System - Maintenance - Reset Printer** page allows you to reset the printer controller.

Item	Description
Reset button	When clicked, the message “Is it OK to reset the Printer?” appears. Click **OK** to automatically restart the printer.

Print Page

From this page, timeout periods for each interface can be specified.

Local Interface

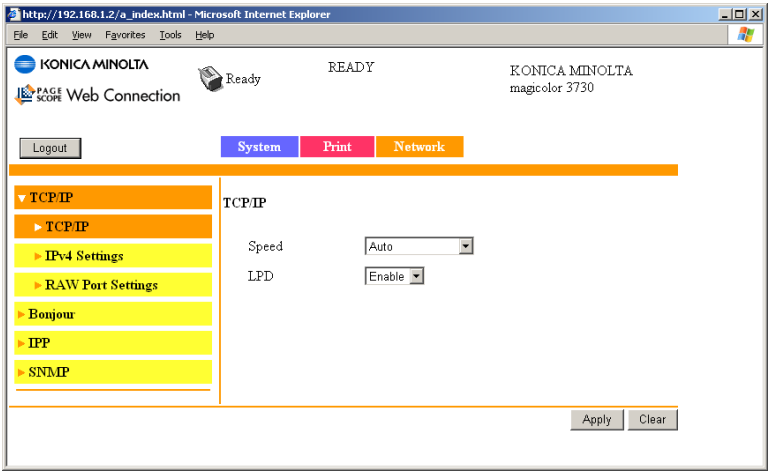


The **Print - Local Interface** window allows you to configure the following items:

Item	Description
Network I/O Timeout	Specify the length of time until input/output times out during a network connection. Choices: 15, 60, 300 Default: 60 Configuration Menu Equivalent: `INTERFACE - NETWORK TIME OUT`
USB I/O Timeout	Specify the length of time until input/output times out during a USB connection. Choices: 15, 60, 300 Default: 60 Configuration Menu Equivalent: `INTERFACE - USB TIME OUT`
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Network Page

This page allows you to configure network settings. For more information on these protocols, see Chapter 4 “Network Printing”



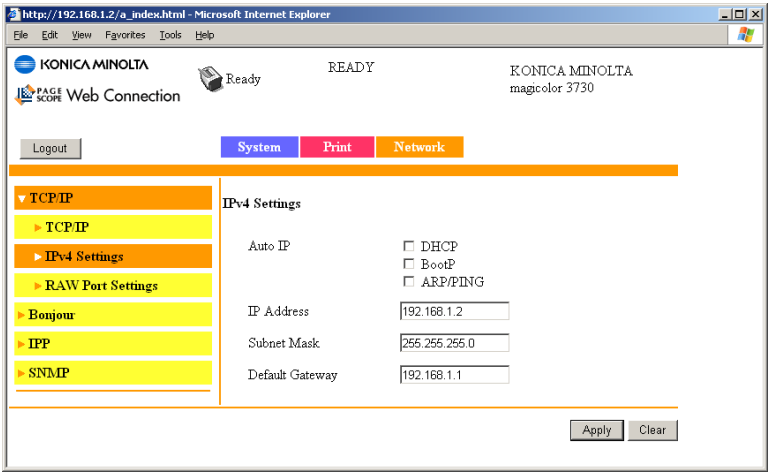
TCP/IP

TCP/IP (shown above)

The **Network - TCP/IP - TCP/IP** window allows you to configure the following items. For more information on these TCP/IP, see Chapter 4 “Network Printing”

Item	Description
Speed	Specifies the operating mode and speed for Ethernet. Choices: Auto, 10Base-T(Half), 10Base-T(Full), 100Base-TX(Half), 100Base-TX(Full) Default: Auto Configuration Menu Equivalent: `NETWORK - FORCED MODES - SPEED/DUP/NEG.`
LPD	Select whether or not LPD is used. Choices: Enable, Disable Default: Enable
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

IPv4 Settings

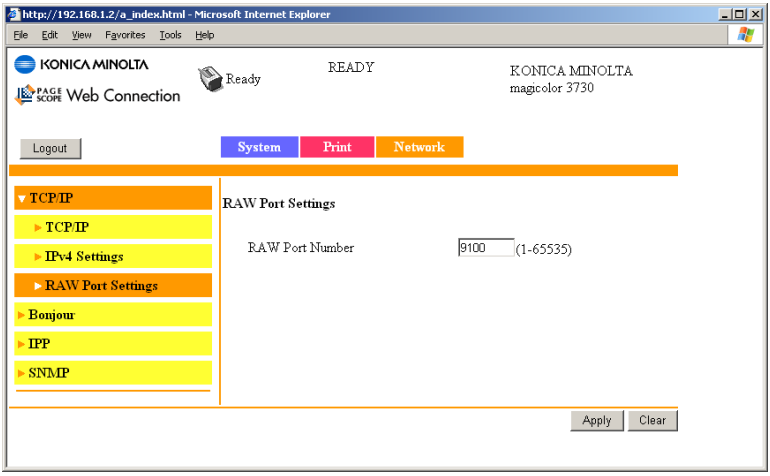


The **Network - TCP/IP - IPv4 Settings** window allows you to configure the following items. For more information on these TCP/IP, see Chapter 4 “Network Printing”

Item	Description
Auto IP	Specifies the automatic assigning method for the printer IP address. Choices: DHCP, BootP, ARP/PING Default: DHCP Configuration Menu Equivalent: `NETWORK - IP ADDRESS - IP ADDRESS SET AUTO`
IP Address*	Sets the printer’s IP address. Range: 0–255 for each *xxx* triplet Default: 0.0.0.0 *If the specified IP address is outside of the allowable range, the value is not changed, even after the **Apply** button is clicked. The setting returns to the previous value.* Configuration Menu Equivalent: `NETWORK - IP ADDRESS - IP ADDRESS SET SPECIFY`

Item	Description
Subnet Mask*	Sets the printer's subnet mask address. Range: 0–255 for each *xxx* triplet Default: 0.0.0.0 *If the specified subnet mask address is outside of the allowable range, the value is not changed, even after the **Apply** button is clicked. The setting returns to the previous value.*
Default Gateway*	If a router is used on the network, sets the router's address. Range: 0–255 for each *xxx* triplet Default: 0.0.0.0 *If the specified router address is outside of the allowable range, the value is not changed, even after the **Apply** button is clicked. The setting returns to the previous value.*
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.
* Always enter these addresses without leading zeros. For example, 131.011.010.001 should be entered as 131.11.10.1.	

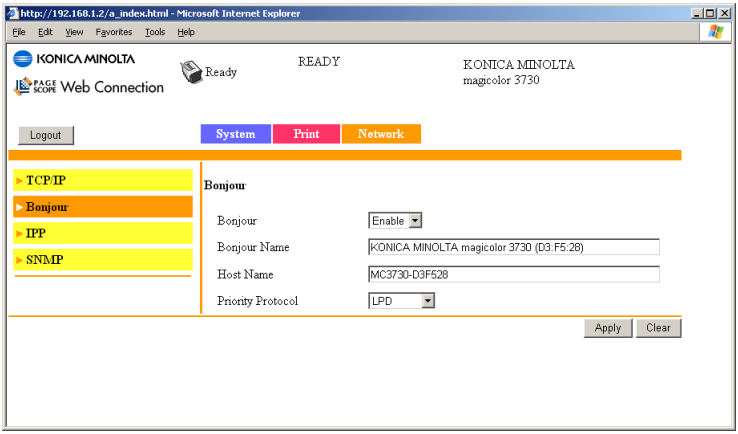
RAW Port Settings



The **Network - TCP/IP - RAW Port Settings** window allows you to configure the following items. For more information on these TCP/IP, see Chapter 4 “Network Printing”

Item	Description
RAW Port Number	Identifies the number of the printer’s RAW port. Choices: 1 - 65535 Default: 9100
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

Bonjour

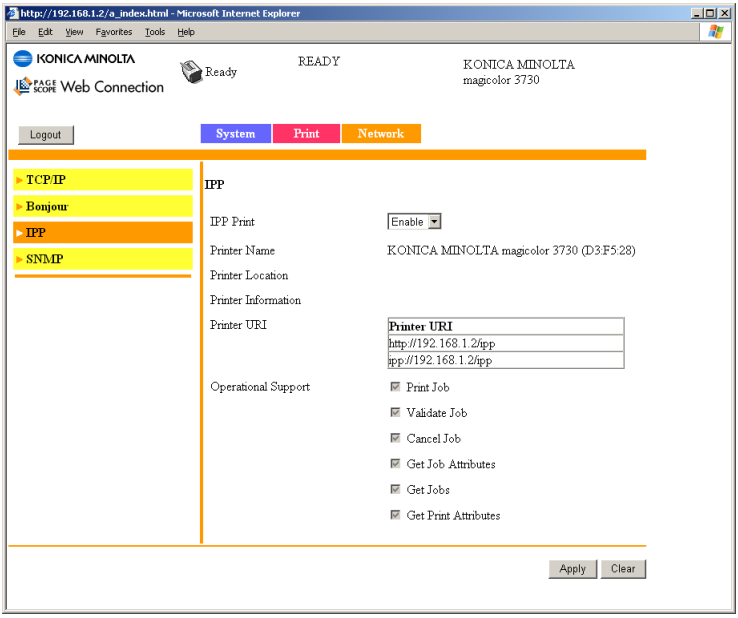


The **Network - Bonjour** page allows you to configure the following items.

Item	Description
Bonjour	Select whether to enable or disable the Bonjour function. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: `NETWORK - BONJOUR - BONJOUR SET`
Bonjour Name	Specify the Bonjour name for the printer. Range: 1 to 63 characters Default: KONICA MINOLTA magicolor 3730 (xx:xx:xx) *"xx:xx:xx" refers to the last six digits of the MAC address (in hexadecimal).*
Host Name	Specify the Host name for the printer. Range: 1 to 63 characters Default: MC3730-xxxxxx *"xxxxxx" refers to the last six digits of the MAC address (in hexadecimal).*
Priority Protocol	Specify the connection protocol given priority with Bonjour. Choices: LPD, RAW Port, IPP Default: LPD

Item	Description
Apply button	Applies the configuration settings in this page.
Clear button	Resets all configuration settings to previous values.

IPP

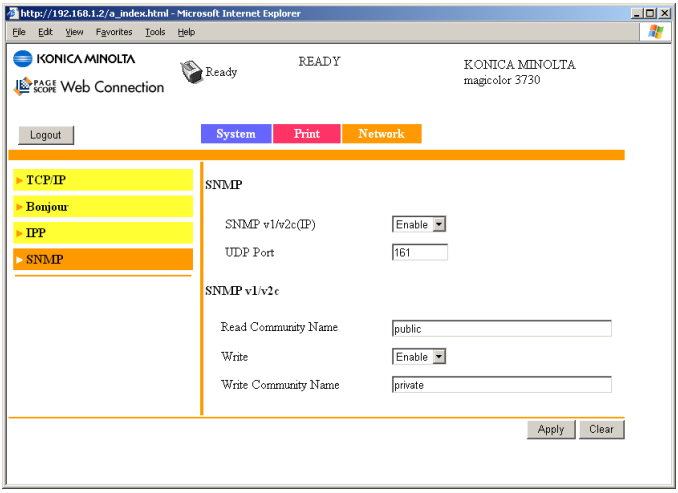


The **Network - IPP** window allows you to configure the following items. For details on IPP, refer to Chapter 4 “Network Printing” In order to apply the settings, the printer must be turned off, then on again after the setting is specified.

Item	Description
IPP Print	Sets whether or not to use IPP. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: `NETWORK - IPP - IPP SET`

Item	Description
Printer Name	Displays the printer's name. Range: Up to 127 characters Default: KONICA MINOLTA magicolor 3730 (xx:xx:xx) *Specify the settings from the **System - Machine Settings** page.* *"xx:xx:xx" refers to the last six digits of the MAC address (in hexadecimal).*
Printer Location	Displays the printer's location. Default: [Blank] *Specify the settings from the **System - Machine Settings** page.*
Printer Information	Displays the printer information. Default: [Blank] *Specify the settings from the **System - Machine Settings** page.*
Printer URI	Displays the printer's Uniform Resource Identifier (URI). ■ http://<IP_address>/ipp ■ ipp://<IP_address>/ipp
Operational Support	Displays the operations that are supported.
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

SNMP



The **Network - SNMP** window allows you to configure the following items:

Item		Description
SNMP	SNMP v1/v2c(IP)	If **Enable** is selected, SNMP v1/v2c(IP) is enabled. Choices: Enable, Disable Default: Enable Configuration Menu Equivalent: `NETWORK - SNMP - SNMP SET`
	UDP Port	Specifies the UDP port number. Range: 1 - 65535 Default: 161
SNMP v1/v2c	Read Community Name	Specifies the community name to be used for scanning. Range: 1 to 15 characters Default: public
	Write	If **Enable** is selected, Write is enabled. Choices: Enable, Disable Default: Enable
	Write Community Name	Specifies the community name to be used for reading and writing. Range: 1 to 15 characters Default: private

Item	Description
Apply button	Applies the configuration settings for this window.
Clear button	Resets all configuration settings to previous values.

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